COMING EVENTS

Melbourne Hamfest, Sept. 12 & 13
Suncoast Convention, Clearwater, Oct. 3 & 4
Tampa Hamfest, Nov. 14th
Broward Hamfest, Dec. 12 & 13th.
Sarasota Hamfest, Jan. 16 & 17th, 1982
Pinellas Park Boy's Club Hamfest, Feb. 21 1982
Miami Hamboree, Feb. 6 & 7th, 1982
Oh yes, 1981 S.E.T. Oct. 17 & 18th.
(See ads elsewhere for details. Send dates early.)

[redacted] 66

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VOL. 25, NO. 4 THE ALL-FLORIDA AMATEUR RADIO AMATEUR'S PUBLICATION September 1981 Price .45 cents.

THIS IS AN AMAZING STORY!

On the morning of May 9th, 1981 the bowels of the earth opened at Winter Park, Florida. A city block of the Central Florida town was destroyed within moments. Geologists said that this was one of the largest sinkholes in history and certainly the most costly. A dry cleaner firm, a print shop, a television store, a drapery factory, a stereo shop, a car repair shop, a city owned swimming pool, 2 city streets and a house were swallowed. Total damage was in excess of 2-1/2 million dollars.

A sinkhole is caused when the porous limestone rock below ground is depleted of water due to drought and collapses. The sandy ground layer falls into the underground cavern. The Winter Park sinkhole was 400 by 450 feet wide and over 100 feet deep.

Within minutes of the collapse a telephone call was made to Dennis Phillips (KA4RUL), who owned property on the southside of the hole. Phillips was unable to get any detailed information from the Police Department or Fire Department so he turned on his 2 meter rig and called on the local repeater. He immediately made contact with Ed Cox (W0RAO/4) who just happened to be at the rim of the hole. Ed stayed on the air for nearly an hour providing information to local amateurs. Phillips was able to gain access to his property and the area due to advice via ham radio and the efforts of Ed Cox.

Officials advised that a Bell System long distance trunk line was damaged and that the phone communication link to South Florida would fail. Dennis Phillips quickly assembled a rag tag collection of gear and homebrewed an antenna system on his property at the edge of the crater. He began operation as KA4RUL Portable 4.

The story of this massive earth collapse spread around the world. During the following hours hundreds of amateurs in the U.S. and abroad were provided with up to the minute information about their relatives, their property, and the other sinkholes that had developed on the parched Florida landscape.

Every purpose of amateur radio as stated by the F.C.C. was accomplished and fulfilled by KA4RUL during the sinkhole operation. Activity was made on both S.S.B. and C.W. Phillips' rig was a Drake TX4B and R4B. The antennas were a 20 meter coaxial dipole and a 40 meter end fed Zepp through a Dentron Junior Tuner.

Within a few days the hungry sinkhole had stabalized and the slow task of clean up and restoration began. As a monument to the good accomplishments of amateur radio and as a gesture of thanksgiving that his property was spared major damage, Dennis Phillips continued operation from the side of the sinkhole providing contacts with a humorous certificate and information on this geologic oddity.

So, if you should hear KA4RUL Portable 4 "The Sinkhole Station" on the "Lower" bands, please give a call. You will become a part of this facinating story!

KA4RUL Portable 4
"The Sinkhole Station"
1006 West Fairbanks Ave.
Winter Park, Florida 32789

Hogtown Hams of Gainesville, winner of the 1980 multi-class Field Day trophy visited NOFARS in Jax and showed off their color slides. NOFARS ran a close 2nd. The trophy was awarded the Hogtowners at the main drawing at the Miami Hamboree this month. Here we have L to R: N4UF (W4IZ FD Chrmn), KB4HF, KF4W, KW4F and WD4ASW. (Photo by N4CUK.)

SOMETHING OLD, SOMETHING NEW

By John R. Hills, KC4N, Leon County EC

The March of Dimes Superwalk in Tallahassee was different in 1981, but yet it was the same. One difference was that it coincided perfectly with the ARRL National Convention and Orlando Hamfest. That took about 20 of the most active public-service-oriented hams out of Tallahassee. The event was the same in that the remainder, with the help of hams from Perry, handled the "emergency" just about as well as it could be handled. And some of the same problems came up — the teen-aged pick-up truck driver who would not allow a ham to ride to provide communication, but did such things as deliver to checkpoints tables with no chairs, water coolers with no water, and workers with no supplies, and then would disappear into the dust. Once again, the poop-out vans were a problem. The agency that was supposed to provde them

QSY BACK PAGE

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9

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SILENT KEYS

We are deeply sorry to report the passing of the following amateurs: May they R. I. P.

K4EE	Lloyd Chatteron	Merritt Island
KF4FD ex W4TVZ, CN2JX,	Bill Slater,	Deland
W9QF ex W6QF (1918)	Robert E. Rice,	Valley Center, CA
WB4HHQ	Carter Greear	Orlando
W4BLQ	Joe H. Harms	Edgewater
W4LAW	William "Bud" Warning	Tampa
W2CNQ/4	Lowell E. White	Kissimmee
WB4JNN	Thelma Alexander	Orlando
K4SX	Clifford J. Armstrong	Jacksonville
K1ENV	Kila Blum ex-Editor 73 magazine	
W4IGG	Bill Austino	St. Petersburg
N4CUE	Maurice Houghton	Springhill
W4OOO	Forrest F. McClure	Longwood
WA4DEN	Lowell Johnson	Panama City

EX CALLS

We are still collecting EX-CALLS. Have you sent in yours? Ed.

KD4JS ex	KA4CDT	W4DNM ex	KD4FG
N4CRD ex	W2IOZ	WA4EYW ex	NA4F
KD4HD ex	WD4PDT	N4CXK ex	KA4FGE
KD4TE ex	KA4FDF	KD4AD ex	WA4VQU
KB4UI ex	N4BHP	N4EFI ex	W4LHK
KD4OD ex	KA4GYT	KD4GN ex	WA4HZC
WB4BBH ex	K3MDL, WA3FRV	KD4HD ex	WD4PDJ
K4UZA ex	W1RUM, W7PTE		WB2AMS
	K2PMI		WN2AMS

HOW CAN I SOAR LIKE AN EAGLE, IF I WORK WITH TURKEYS. . . .

TO THE EDITOR

Dear Mr. Clark:

Mr. Dave Stocky, K4KE, of Saint Petersburg, was recently honored by the Florida Sheriffs Boys Ranch Alumni Association and presented their "Our Friend" Award — a rather special sort of recognition — which is reserved for people who have given generously and unselfishly of themselves and, in so doing, have had a special and beneficial impact upon the lives of youngsters at the Boys Ranch.

I have personally known Dave for a number of years and have known of his work with the Ranch youngsters. I think he was a great choice for this year's award.

I am enclosing a photograph of the award presentation. Identification (left to right) is as follows . . . Jerry Willard, WA4BTM (a Boys Ranch alumnus); Dave Stocky, K4KE; Mrs. Stocky (I do not know if Mrs. Stocky is a licensed Ham operator); and Harry Weaver, WN4SZX (President of the Florida Sheriffs Youth Fund).

Also enclosed is a copy of my news release on the Alumni Reunion and a report on the background of the Boys Ranch Ham Station, WB4PHT including Mr. Stocky's involvement (see August issue).

If you find this story worthy of some space in Florida Skip, I would appreciate a copy of that issue for my files.

Sincerely,

James L. (Jim) Mason
Director, Public Relations
Florida Sheriffs Youth Fund

Dear Andy:

Just a little note which you can utilize for the next edition of the Florida Skip.

As per the suggestion of Dr. Jim Hirschman, K4TCV, Medical Director of South Florida Emergency Council, Parkway General Hospital has placed a two meter station in the Emergency Room to be staffed by members of the Medical Staff; Dr. Hugh Unger, WB4UHN; Dr. Sherwin Goldman, KA4JOZ; Harlan Cohen, R.N., W4UIM and Dr. Celso Colli, CE3ASB/W4 plus members of the Fellowship Radio Club.

The recent operation 'Bravo' was very successfully held with the above hams in attendance in the Emergency Room. The Fellowship repeater is on top of Parkway General Hospital and now we are able to utilize both the Fellowship repeater and reach other repeaters in the area.

Sincerely yours,
Hugh S. Unger, M.D. WB4UHN,
North Miami Beach, FL

Dear Andy,

I wish to thank you for the fine cooperation that you have given to us through the years in helping us to tell the Navy-Marine Corps MARS story to your many friends and subscribers in Florida.

I subscribe to many ham magazines, such as "QST", "73", etc., but I depend on "FLORIDA SKIP" to keep me informed concerning my fellow hams in Florida — their club activities, traffic nets, etc. Your Hambars are read religiously and thoroughly, while those in the slick magazines are usually ignored. The free ads that you provide to those of us who are unfortunate enough to have had gear stolen is another indication of your alertness to our problems and of your willingness to provide a solution.

Last, but certainly not least, I must compliment you on the "Florida Traffic Handler's Routing Guide", which you publish and constantly revise and upgrade. As a net control station, I would not dream of attempting to route traffic in an area as large as the State of Florida without the Traffic Guide next to my mike.

73 . . . .

Robert E. Barry, NNN0GAL Eight/KC4GG
Asst. for Public Affairs, Florida Area
250 West Canal Drive,
Palm Harbor, FL 33563
(Ph.: 813-934-3870)

Dear Mr. Editor:

Something so unexpected occurred at the Jacksonville Hamfest on Aug. 1st that it may warrant widespread publication and discussion.

At the traditional ARRL Form, Director Butler called for a discussion of the reciprocal phone patch problem in conjunation with his Minute 92 at the Orlando Board meeting. After a very lively discussion, Vice Director, Evelyn Gauzens, W4WYR, called for this vote....."Do you favor totally abolishing international phone patches except Antartica and US ships?"

There were about 60 present. They were a good cross section of Georgia and North Florida ham activities, there being only 4 present from Miami.

There was an UNANIMOUS vote in favor of abolishing international phone patches ! ! !

On the question of domestic phone patches, there was a large majority in favor of totally abolishing them. But further discussion seems called for. It appears there would be UNANIMOUS opinion in favor of abolishing phone patches on H.F. bands, but some feeling they have legitimate functions on VHF.

73,

R. Hamilton Robinson, W4ZR
Box 81B Orangedale Route
Green Cove Springs, FL 32043

DADE NOVICE CLASSES IN SEPTEMBER

A new novice class will start on sept 1st at Southwest Adult Education Center (S.W. Senior High School), 8855 SW 50 Terr., Miami. No previous knowledge is required in either c.w. or theory; as we will start from scratch. The instructor is Harry Pilafian, W4SQG.

For further information call Harry at home 271-2512 or call the school at 274-0181 after 2:30 PM.

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OCTOBER 3 & 4

INDIAN RIVER AMATEUR RADIO CLUB NEWS

By Bill Willmot, K4TF

The Indian River ARC had nine visitors attend its July meeting. Jim Overlin, W4CUQ, the Field Day Coordinator, gave a short report on Field Day Operations. Novice Course outlines for the forthcoming fall classes were issued to all instructors by Mal Massie, WB4HDX, the Club's Education Chairman.

Members of the club were informed that the Club's Amateur license, W4NLX, had been renewed, thanks to Ted Wallace, W4LJB. Members were also made aware that the August meeting will have Mr. Angelo Taiani, the Kennedy Space Center's Frequency Manager, as their guest speaker. Mr. Taiani will give a talk on the history of satellite communications.

The guest speaker for the July meeting was Evelyn Gauzens, W4VYR, Vice Director of the Southeastern Division of the ARRL. Evelyn gave a very excellent presentation on the various ARRL offices and committees and their functions. The club is most grateful to Evelyn and her OM, Carl, for sharing their time with the members.

Carl Zellich, AA4MI, won two tickets to Duff's Restaurant while Daryl Drury, K4DRV, won a calculator as door prizes. After the meeting, coffee and donuts were on tap for all.

PALM BEACH DX ASSOCIATION

By Jimminy Cricket

A HAPPY JULY brought smiles to the faces and wall paper to the bulkheads of PBDXA stalwarts N4FFN (ex-WD4GSF); WD4GSG; WD4HAS; KA4FHB and (novice!) KA4NYW, all proud recipients of ARRL's prestigious A-1 Operator Award. It is NOT true that the group will be re-labelled "PB A-1 Association"! A week-end of furious paper-shuffling, pencil-chewing and call-book researching saw our FD log closed out with an anticipated 6.6 K in the kitty; not exactly an anaemic tally for a 2-A group comprised of a covey of ex-CB artistes and a venerable brasspounder — and, it went into the mail on time, too!

AT LONG LAST the mini-quad is shading N4FFN's rustic, rural entertainment center and doubling as a rotary clothes-line; it may bark at the moon but the cinema is super! Recently-upgraded Tom, KA4TXH, anxiously awaits his new "N" call, meanwhile keeping the HF's jumping with a Kenwood rice-box. (I must tell you about those "N's" someday, Tom.) Long-time afficionados will have recognized that "VP5SF" (in August's FQSOP wrap-up) as WB4SHB; Gat is shortly returned from a brief Alaskan vacation.

THREE ELEMENTS of recently-fabricated, homebrew Yagi keeps KA4FHB on the 10 Meter scene despite declining solar activity. Larry is quite the antenna buff; his pix (atop a ladder and wrestling the aluminum) adorned two different FD publicity stories! (Perhaps he should consider a modelling career?). Still crawling up a different ladder, W4OO found 8P6KX at the bottom of a horrendous 6 Meter pile-up for No. 38 on that band. The chuckle of the month in the Palm Beaches of Florida was KA4PJV's put-down of the chap (a master Harmonikeer in his own right!) who harassed LJ over some imagined spurious radiations. "Physician, heal thyself" quoth Littlejohn, shooting him down in flames. . . . . W4OO.

TAMPA AMATEUR RADIO CLUB, INC.

By Cy Connolly, W4DVO

Well, time flies. Vacation time is past. On Sept. 21st, regular club meetings will resume, with fall program. Sending FLA. SKIP, Editor Andy Clark, W4IYT, several snap-shots, taken during Field Day Activity. W4DUG/4, had 1502 contacts, and total, 5,046 points. We should be among the top half, for this area.

Ron, KQ4K, gave code test to, Art Gibson, for novice. Glenn Averill, WA4LLU, does fine job, mowing club grounds. Gordon, WB4RHY, on way, Texas reunion, his WW II buddies with, SEABEES Battalion. They served, iin So. Pacific.

Regret to advise, "Bud" Warning, W4LAW, now silent key. Our sympathy to his XYL Cressie. Club members were Honorary Pallbearers at funeral. "Bud" will be greatly missed.

E. Z. Randall, N4JO, has completed reparis to clubhouse roof, and ready for Hurricane season. Beam ant. back in place, after use during Field Day. Recent long skip has caused problems, Florida Traffic Nets.

President, Don, WA4CJG, has plans for new club activities. See you meeting, Sept. 21st, 7.30 P.M., at Clubhouse. Also eyeball any Saturday morning, 10 to noon. 73.

HARS

By Roy Scott, W4UHF

The July meeting was highlighted by a beautifully prepared slide and graphic demonstration of "Lightning" presented by Maury Blalock of Tampa Electric Company. Hair-raising pictorial results of a study of this awesome phenomenon of Nature in the Bay Area proved this section to be the "Thunderstorm Capital of the U.S."

Congratulations to Jay St. John, formerly N4ELX, who is now Advanced Class, KD4PV and to Richard Dunn, who has been patiently waiting for his new ticket and is now KA4VKR.

Dick Berg, N4BLH, Program Chairman, announced the proposed program for August would be a visit to Gen Tel Microwaves set-up. More details later.

Field Day results were announced by Sammy Buggica, KY4G. Total score being 1636 points with 12 members participating and 7 operators.

It's time to start thinking about a new slate of candidates for October elections. Nominating Committee will be appointed at August meeting for a report at the September meeting with the meeting open to nominations from the floor at that time. 73.

ST. PETERSBURG AMATEUR RADIO CLUB

By CAthy Soehl, W4BAV/ARNS

W4GPL, Rex was on WPLT-570 AM, June 10th, "Talk Show" & did his bit for ham radio, their assist in emergency, etc. Rex is EC for Pinellas County, gave detailed operations with Red Cross, hospitals, etc. in an emergency; explained how traffic is handled before, during & after the emergency. Good work, Rex.

N4APZ, Debbie had us all with ears on 2-meters, when she checked into the hospital July 14th, as sometime before midnight, she presented WD4COL, John with a 4 lb., 5 oz. girl named Jamie Jeannelle. Debbie went home the next day, but Jamie had to wait until she weighed 4 lb., 10 oz. Congratulations!

WA4DWU, Bob & Joy left July 14th for long planned trip, with their Airstream trailer, to roam around the West for 6 or 7 months. Said their 73s & wished all a Merry Xmas. Have fun!

KA4DYV, Julie & KA4HED, Tom congratulations on receiving your licenses. N4APZ, Debbie is proud, as Julie is her Sister & Tom her Dad.

CLUB QSY P 8

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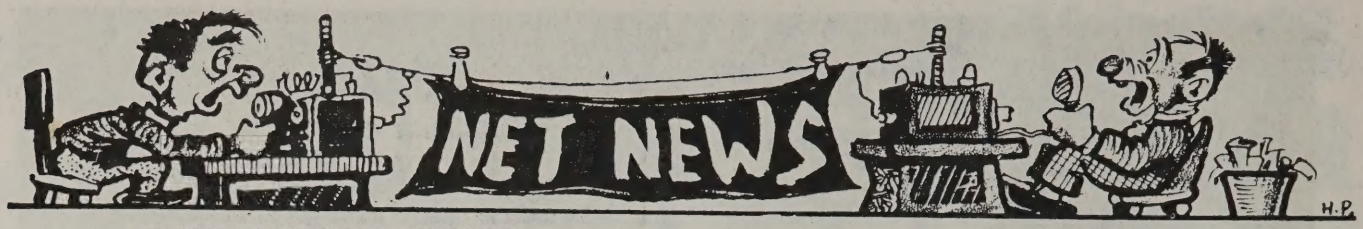

FLORIDA MIDDAY TRAFFIC NET

By Al Suhr, WB4AID

The Florida Midday Traffic Net meets daily at 1600z on 7247 KHz and is the official Section Net of both the Southern and Northern Florida ARRL Sections.

While in the process of a training session as NCS, N4EKF, Don Blackwell of Lake Panasoffkee had rig trouble and had to leave the air. He communicated with me later to say that his equipment was in the shop. At least he won't have to suffer the EXTREMELY bad conditions other FMTN NCS's are enduring. Hope he can return soon.

Many thanks go to the many relay stations who make the net a success during this summer skip. We really thank you all, to meniton only a few: WD4HIF, WA4CGQ, KA4DCD, WB4FVV, N4PL, N4UF, WD4IIO, K4TH, W4SIZ and others — even from Georgia.

On the rolls of FMTN is W4BSP, William S. (Bill) Gillis, Sec'y. of FMTN. You can catch him on FMTN any day — almost, as well as, on CW FMSN and the Orlando repeaters. If you are a club goer, he can be seen at such meetings as the Orlando Amateur Radio Club, Lake Monroe Amateur Radio Society, or, while in Miami, the Eastern Airlines Amateur Radio Club. A member of ARRL, too. Oh, yes — he's a director, LMARS. Bill hails from Selma, Alabama. His family moved to Miami where he graduated from Miami Edison High School in the middle of the depression. Bill took a post-graduate course at Miami Edison in Radio in lieu of further formal education. He's been licensed since 1932 as W4BSP and upgraded to Advanced in 1940 when he received his Commercial Radio-Telephone License. In that same year he became employed by Eastern Airline as Radio Technician and was transferred to Avionics Engineering in 1950. Served as Project engineer until 1979 when he retired. Was Avionics Liaison to Airbus (France) and others. Now resides in Maitland, Florida with his wife, Joy and daughter Janet, school aged. Daughter Judy saw to it that he became a grandfather. BUT HE DOESN'T LOOK IT!

FLORIDA PHONE TRAFFIC NET

By Bill, WB4WYG

Wow! June sure was a low month as far as net figures are concerned. Now, more to the point are the figures for July. Here we show an increase of 8% on QNI and a 15% increase for QTC, so things must be on the upswing as far as net statics go. However, as usual there is a fly in the ointment. Band conditions have been varied. Some days good and others — well; you were there and know the answer — just plain stinky.

Our usual faithful stations showed up and helped out to get traffic moving. Here is how they stack up.

100% — W4BKC, K4BLM, W4DDW, WA4EYU, W4FOE, WD4IIO, K4SJA, WB4TZR.

95% — WA4EIC, W4IAD, WA4QXT, W4BCZ, W4SIZ.

80% — WD4AWN, WD4COL, WA4JDH, K4KIC, WA4ZOY.

A total of 18 stations or 40% of roster. How about that for a month that included vacations, poor band conditions, and a net that meets at 7 A.M.

Attended the Jacksonville Hamfest and had a chance to meet many of our station operators and their wives. It is always a pleasure to meet the "little woman" who permits us to play Amateur Radio and feel we are doing some public service. Melbourne Hamfest is coming next and there will be a luncheon meeting at Ho-Jo for the Friendly Phone Traffic Net.

Would like to welcome back Garry, WA4HHC of Dunellon who gave us the slogan "Start Your Ham Radio Day the Florida Phone Traffic Net Way." — so see you on 3940 at 7 A.M. — meeting every day of the year.

TROPICAL PHONE TRAFFIC NET

By Gus Kein, KA4LNA

Summer trips take their toll. Chuck, WD4HXS has gone out West. Conditions worsening on 40 and may soon have to return to 3940. WA4PFK, Dick and W4SIZ, Charlie, for their help as QFN Reps.; AA4FG, Fred, for his help filling in on D4RN and QFN; WB4FVV, Bob who has been a tremendous help as D4RN and FAST; WA4QXT, Walt, a newcomer to the TPTN who is being a great help on D4RN. Thanks all! KD4DC is the new NCS on Saturdays. Also needed badly is a net control station for Thursdays. Would be a great help. One day a week. All net controls please try and get your NCS reports to me as soon as possible. This small action works wonders on my end. That's all for now. Check in 7272 5:00 on TPTN.

QFNS

By Gus Kein, KA4LNA

QFNS meets 8:00 P.M. 3715 KHz CW, DAILY. July was a slow month for all nets; QFNS being no exception. Total QTC was only 80. New stations heard on the net are KA4UQY, Van, in Melbourne and Whitey, WA4LGR, a veteran on QFNS, in Pembroke Pines.

High QNI this month goes to Dick, WA4PFR with 23 QNI. I would like to thank the following stations for their help with filing in for absent NCS and QFN Reps.: Lou, KA4ASZ, and Dick, WA4PFK. KD4DC will now be regular QFN Rep. on Sundays. I would like to see all net stations participating in net activities. Remember, you have to put something in to get something out. I'm looking for a QFN Rep. for Saturday nights. So, nothing else. See you all on QFNS! 73, Gus.

TRAFFIC HOUNDS

By K4SCL

NET	QNI	AVG.	QTC	AVG.	Sessions	Manager
FMTN	1076	34.7	581	18.7	31	WB4AID
QFN	957	15.4	552	9.1	62	N4EC
GN	444	14.3	421	13.6	31	KF4U
FPTN	920	29.7	302	9.7	31	WB4WYG
FAST	573	9.2	182	2.9	62	WB4FVV
TPTN	471	15.2	157	5.1	31	KA4LNA
NFPN	769	24.8	95	3.1	31	WN4IIV
FPON	490	15.8	86	2.8	31	WB4GCK
QFNS	203	6.5	80	2.6	31	KA4LNA
FMSN	303	9.8	54	1.8	31	WB4FVV
SWFTN	607	18.5	50	1.9	27	WA4HXU
VEN	343	11.6	42	1.4	31	N4EDH
SBEN	134	26.8	19	3.8	5	KB4OW
MEN	128	32.0	16	4.0	4	WB4PIB
DEN	114	22.8	8	1.6	5	KA4GUS
SCARES/ SERC	73	22.2	0	0.0	5	W8FKL

TOP TWENTY TRAFFICERS

By K4SCL & N47F

1.	W3CUL	2984	11.	WA4EYU	207
2.	WD4HIF	784	12.	WD4AWN	194
3.	W3VR	601	13.	NC4H	189
4.	WD4COL	517	14.	WD4IIO	182
5.	WB4FVV	488	15.	W4GPL	156
6.	N4PL	374	16.	KF4U	143
7.	K4SCL	348	17.	N4EDH	133
8.	WA4PFK	315	18.	KA4LNA	125
9.	W4SIZ	252	19.	WB4AID	124
10.	K4ZK	219	20.	WA4QXT	107

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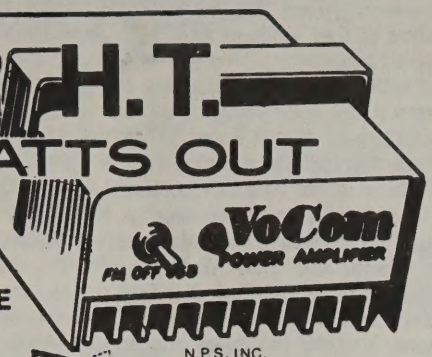

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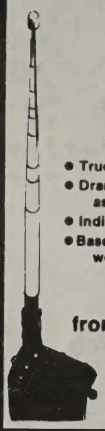

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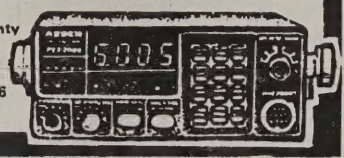

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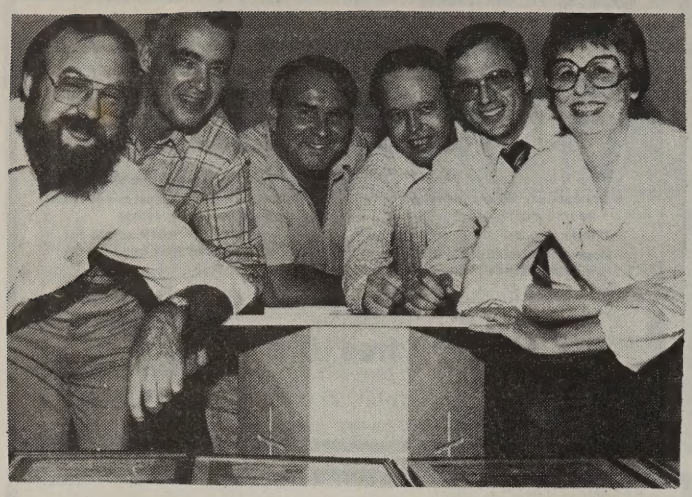

1981 Officers of the North Florida Amateur Radio Society: L to R we have KA4FYC treasurer; WD4PFN, VP; N4BZH, the President; N4UF, Director; WD4ETG, outgoing president and Director; WD4KKF Secretary. (Photo by N4CUK, tks)

CLUB...FM page 4

WB4NYN, Micky back from N.Y. & glad to be home.

K8MZT, Shirley is really active as Moderator of "Prime Time" YL Forum at Dayton; Continuous Membership; founder & Chairman of Buckeye Belles & doing computer work at their air-conditioning business.

WB4AUR, Thelma's Daughter & Granddaughter, from Navy Base in Alaska, visited her Sister in Tacoma, Wash. & then stopped off for visit with Thelma & Chuck. The Alaska base, with no trees, is so remote she calls it the "Island Trap".

LATE FLASH: Just learned WB4JNN, Thelma Alexander, Floridora No. 292 is a Silent Key. Our heartfelt sympathy.

NORTHERN FLORIDA NEWS
By Billy Williams, N4UF
SCM Northern Florida

New officers of the Playground Amateur Radio Club are Dwight Peavy, WD4JDU (President); Bill Lamb, N4EZU (VP); Jack Renaud, N4GQ (Secretary) and Hal Byrd, KD4NV (Treasurer). The Activities Manager is Terry Young, K4KJP and Trustees are WD4HDT, W4RH and W4LRC. 13 PARC hams provided communications for the March of Dimes Grand Regatta. A large telephone system failure in Southern Duval Co. was reported to the phone company via the K4YLX/R autopatch. Seems a big truck cut the line there in an accident. The failure spread into St. Augustine and WB4WXW made the call. WA1UAI who lives in St. Augustine also witnessed a plane crach and reported it to authorities. The RANGE Beach Picnic was a success.

WD4ASW is moving to Jax and Ed Ingersoll, WA4AXJ will replace him as Asst. SCM-Gainesville. My Appreciation to ASW for fine job during the past year. WD4ASW and WA4FVD appeared on Gainesville TV promoting amateur radio and Field Day. KA4TYF and KA4NSJ upgraded to Technician at Atlanta and KA4OTG did likewise at Savannah. GARS hams also participated in a CD drill in June with a good turnout. KB4HF and crew were active as Multi-Single in the ARRL 10 Meter Contest.

KC4CP is the new editor of the Gulf Coast Amateur Radio Club Bulletin replacing N4AYH who held the post for three years. GCARC member K4EKX is the fourth district manager for the 10-10 awards. KL7JGI made his 6 meter WAS in one year and 41 days. WB4VBV donated a trailer to the Panama City Amateur Radio Club and K4JJE, K4PMO, N4CDY, WA4SHN, WD4MAF refurbished it adding a telescoping tower.

The Jax Hamfest was well attended on Aug. 1-2 and it was nice to meet many members of the Northern Fla. section there. Pileup contest won by K4UTE; Rabbit Hunt by WD4RPB and the QLF contest by WN4IIV. Bob (IIV) is the new editor of the QFN Bulletin and asks those who get it to remember to remember to keep the cat fat. Bob along with YF, KA4DCA do a fine job of putting out the bulletin. Art, KT4Q and Bob, N4FBH are active on 220 mHz RTTY. They are looking for stations to QSO with them. If you are in the Brooksville-Port Richey area, let them hear from you if you are active on that mode or would like to be. WD4JXG and WD4JXH are new on 2 meters.

TARS sponsors a Saturday Morning Breakfast from 9:30-11 at Jerry's on West Tennessee St. KA4FVU is newly licensed in Tallahassee. W6CXY and YF WB6ENJ have settled into their new home there. CXY is active on the traffic nets. W4WYR addressed TARS at their August meeting. A new Tallahassee repeater on 147.63/.03 will be active shortly. K4MZA is the owner and plans to run about 50 watts. Orlando Amateur Radio Club Ham of the Month for June was Bob Watson, W4DTV, for his licensing class achievements. W4CLJ & KD4KU are compiling a list of OARC Past-Presidents over the years. Anyone with info should contact them. N4EDQ has been chosen as OARC Parliamentarian. Also OARC will have a brand new 16/76 repeater shortly. KY4F is readying it for use. The "old"' 16/76 machine will be moved to 144.51/145.11 mHz.

In Daytona Beach, N7SD is getting ready for another season of classes at "Hambone College" which of course was founded by W4SDR. Classes start Sept. 3rd. KC4VK recovering from hospital visit.

NOFARS planning Auction at Sept. meeting. That group will have a new meeting place soon after 8 years at the First Presbyterian Church. BARS provided communications for a fishing tournament at Jax Beach.

New officers of the Halifax QCWA are K4LP (Chairman); W4MYG (Vice-Chmn.); WA4WTJ (Sec./Treas.). Sorry to hear that W4TVZ/KD4FD became a silent key. Duke was a Charter Member of Halifax QCWA.

KNIGHTS OF THE KILOCYCLES
(The World's Oldest Phone Net)
By Phil McMasters, W4BCZ

W4SVB, Charles and his YF have just returned from a Ocean Cruise to the Caribbean. He says that the "LOVE BOAT FOOD" put on four pounds. W4DVR, Mac has also been on a trip — ship and air to South America with his Lady.

W4DDW, Frank got to take over the Chaplain Duty in Mac's absence. W4MVB, George was re-elected Master Oscillator and re-appointed Mac for his 27th year as Chaplain. Many members tell us that the only reason they get out of bed every Sunday at 7:30 is to hear the Inovcation by our Chaplain. Mac is waiting to hear good news from the medics, that the biopsey from his chest is not malignant.

WA4FIR, Robbie has been in the hospital for skin Cancer removal and skin grafts. The Doctor had to do the skin graft over as they did not make him pretty enough. (Robbie is our oldest active member — in the last decade before 100.) W4LFL, Al has the poorest mail service among the Knights, he never receives his get well cards. Maybe I will have to register them in the future.

It takes Florida Skip six days to get to me and my POSTMASTER says he gets it out of our town office. Maybe Miami P.O. Workers only understand "GEECHEE" HI.

CLUB....QSY P. 14.

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AMERICA RADIO CLUB. WD4NLG/R 146.13/146.73. Bilingual Rptr. Net meets each Tues. 8PM. Club meets 1st Wed. of month. Emergency 14,280MHz - 7160kHz. (Back-up Rptr 144.75/145.35) Mail: P. O. Box 651004, Miami, FL 33165

AREC REPEATER GROUP, Inc. 07-67, WA4ARE/R. Box 1139, West Palm Beach, FL 33402. Breakfast 10AM every Sunday at Clock Restaurant, North Dixie, Lake Worth, FL. All amateurs welcome.

CONFESSION OF OUR FAULTS IS THE NEXT BEST THING TO INNOCENCE.

BREVARD REPEATER ASSN. WR4AFI, 28/88, Cocoa. 146.43/147.03 Cocoa Bch. Meets 1st Mon. 1930E 1st Nat. Bank Merritt Isl. SR3 & 520.Mail: RR3 Box 433, Merritt Islando, FL 32952.

BROWARD AMATEUR RADIO CLUB, Inc.W4AB & KB4XE/R 146.31/91, meets 2nd Fri. 745PM at Red Cross Building, Ft. Lauderdale. Mail: D. J. Algeri WA2MXI, 5603 Lagoon Dr., Ft. Lauderdale, FL33312. If you can't make the meetings, check in on our repeaters anytime ! ! ! !

CLEARWATER AMATEUR RADIO SOCIETY, WB4BZF meets 2nd Thurs. of each month 7:30PM, Upper Pinellas Co. Chapter Red Cross, 624 Court St. Clearwater. Mail: Box 7388, Clearwater, FL 33518.

COLLIER COUNTY AMATEUR RADIO CLUB. Meets 730PM, 3rd Tues. at Coast Federal Savings & Loan, 2400 N. Tamiami Trail. Mail: Jack Mischung, 5477 Carlton St., Naples, FL 33942.

DADE RADIO CLUB, Inc. W4NVU. Meets 1st & 3rd Tues. Museum of Science, 8PM, 3280 S. Miami Ave., Miami. Mail: P.O. Box 350045 Riverside Station, Miami, FL 33135.

DAYTONA BEACH AMATEUR RADIO ASSN., Inc. K4BV. Meets 8PM, 3rd Monday monthly, American Red Cross, 341 White St., Daytona Beach, FL. Come and bring a friend.

EVERGLADES AMATEUR RADIO CLUB, W4SVI/R 146.235/835.We meet 2nd Fri. ea. month 8PM, Dade Co. Agricultural Bldg., 18710 SW 288 St., Biscayne Dr. at Redland Rd., Homestead, FL 33030. Welcome.

FELLOWSHIP AMATEUR RADIO CLUB' Meets3rd Tue. Osteopathic Hospital, 1750 NE 167th St., No. Miami Beach 730PM WA4QLQ/R 147.81/147.21. Mail: Box 680284, Miami, FL 33168. All welcome.

FLORIDA GULF COAST AMATEUR RADIO COUNCIL, Inc. P. O. Box 157, Clearwater, FL 33517.

FLORIDORA YL'S W4FE. Pres Faith Bierbaum WA4WOU, 3058 Hillsdale Ave. SW, Largo, FL 33540. All FL YLs & XYLs are invited to join. Net: Tues. 9AM, 3933 kHz. (See Box ad for officers.)

FORT MYERS AMATEUR RADIO CLUB. Meet 1st Wed. ea month 730PM, 1st Fed. & Savings, 121 Pomdella Rd. SR78A, North Ft. Myers. Mail: Cash Luzny W4MPV, 4286 St. Clair Av. Ft. My. 33903

GOLD COAST FM ASSN. Inc., Box 313, Boca Raton, FL 33432. Emgcy net Thurs. 730PM. WB4QFY 146.22/82. Traders Net 8PM. WB4UFA/R meets 4th Mon. 730PM. Imperial Pt. Hosp. Med. Ctr. 6401 N. Federal Hwy., Ft. Lauderdale, FL. ALL WELCOME! !

HILLSBOROUGH AMATEUR RADIO SOCIETY, Inc. WA4GJJ. Meets 4th Wed. 730PM. Pan Am Bank Bldg., Sulfer Springs. Mail: PO Box 24602, Tampa, FL 33623. Phone for info (813) 884-7035.

HOLLYWOOD AMATEUR RADIO CLUB, Inc. WB4TON/R 146.385/146.985. Meets 3rd Mon. 7:30PM Washington S&L Assn. RM AB-450, North Park Rd. Mail: P.O.Box 6306, Hollywood, FL 33021.

INDIAN RIVER AMATEUR RADIO CLUB. W4NLX. Meets 4th Tue. First National Bank, Merritt Isl., 730PM. Mail Box 5, Cocoa 32922.

KEY WEST AMATEUR RADIO CLUB. W4LLO/R 146.34/94. Meet 8PM, 2nd Tues. Sportsman Inn. No. Roosevelt Blvd. Mail: P.O. Box 2371, Key West, FL 33040. Phone 296-2723. Most southern R. C.

LAKE AMATEUR RADIO ASSN. Inc. K4FC, Meets 1st & 3rd Thurs. 8PM clubhouse, Springdale Ave. Bassville Park. Mail: c/o J. Tolliver KC4PQ, P. O. Box 925, Lady Lake, FL 32659 Phone 753-4585.

MANATEE AMATEUR RADIO CLUB meets 7PM last Tue. each month at Manatee County Library, 1301 Barcarrota Blvd., Bradenton, FL 33505. For more details call Luther H. Vogel KA4MRQ, Sec. 747-8128.

TAMPA BAY REPEATER ASSN. P.O. Box 24671, Tampa, 33623, - Meets 2nd Tue. 730 PM. Call in on 146.16/76 for meeting place. 146.16/76 Tampa; 146.39/97 Largo; 147.705/105 East Bay. Net meets ea. Thur. 730 PM on 146.16/76. Join us.

NORTH FLORIDA AMATEUR RADIO SOCIETY, W4IZ. Meet 2nd Thurs. 730PM 1st Presbyterian Church, Ocean & Monroe St., Jax. Mail: Billy Williams N4UF, 911 Rio St. Johns Dr., Jax, 32211

OLD OLD TIMERS CLUB (OOTC). Florida Chapter. Net meets ea. Sunday 2PM on 7247kHz. Info from: Herb Spitz, WA4UOE, 340 SW 64th Way. Pembroke Pines, FL 33023.

ORLANDO AMATEUR RADIO CLUB. W4PLB 146.22/82, 146.16/76. Meets 3rd Wed. ea. month, 1st Fed S&L Community Rm. Edgewater Dr. 730PM. Info. from Al Huber, KC4CT, 305-295-2929 or to P. O. Box 7367, Orlando, FL 32854. All welcome any time.

PLATINUM COAST AMATEUR RADIO SOCIETY. Meet 2nd Mon. ea. month, Red Cross Bldg., 1150 S. Hickory St., Melbourne. Mail: Box 1004, Melbourne, FL 32901. Repeater: WR4AMJ 146.25/85.

PLAYGROUND AMATEUR RADIO CLUB, W4ZBB. Meets 1st & 3rd Thurs. 730PM, clubhouse on 1st St., Ft. Walton Bch. Mail: P.O. Box 873, Ft. Walton Bch., FL 32548 WR4ABZ on 146.19/79.

QCWA CALOOSA CHAPTER. Luncheons last Wed. ea. month 1130 AM. Twistys Restaurant, Cape Coral. Left at light a west end Cape Coral bridge. Info: D. Bowman, W4OUU, 5317 Colonade Ct., Cape Coral, FL 33904 Phone 813-542-4656.

QCWA CENTRAL FLORIDA CHAPTER, Meets 2nd Sat. Noon Sept. thru May at Western Sirloin, 3105 HWY 98 N. Lakeland. Net Sat. 10AM 7240. Info J. Spark W4LHP, Secty. 813 688-7204.

QCWA CITRUS CHAPTER. For meeting info contact Chmn. John Glauber, W4OB, 305-886-7885; Sec'y. Bob Sutter, W3SOB, 305-678-3070. Net 930AM Sat. 7290 kHz. Please join us.

QCWA EVERGLADES CHAPTER. Meet last Sat. Sept. thru April Sweden House, 5550 N. Fed. Hwy., Ft. Lauderdale, Info see SKIP news or call Roy McCarty W9KA, 305 731-4145.

QCWA FLORALA CHAPTER. Meets noon 2nd Sat. ea. mo. at Fat Boys. BAR-B-Q near Ft. Walton Bch Fairgrounds. Pres. W4VXV, Sec/Tres. W4MMW, John Lakin, 10 Linwood Rd. F.W.B. Net Mon 730PM CST, 28/88 repeater, W5RHE NCS. How about joining us? ?

QCWA GATEWAY CHAPTER. Net Sat. 11AM 7230. Luncheons 3rd Sat. Uncle Johns Pancake House, Bch Blvd., Jax. Pres. W2KGI, VP W4JL Info from R. Reddy, WB1ELI, Secy/tres., 7604 Tacony Dr., Jax, FL 32211.

QCWA GATOR CHAPTER' Tampa Bay area. Meets 1st Sat. Noon at El Capitan Restaurant, 2525 Gulf-to-Bay Blvd., Clearwater. Wkly net Sat. 0930 on 3920. E. Nannis K4JMH 14996 Imperial Pt. Dr. N, Largo 33540.

QCWA PELICAN CHAPTER' Meets 3rd Wed. Noon, at Manor Restaurant, 2750 - 34th St. S., St. Petersburg. Net Sat. 10AM on 3930. K4WP, Sec'y: 5326 - 20th Ave. N., St. Petersburg, FL 33710.

QCWA SOUTHEAST CHAPTER. Meet 3rd Sat of odd numbered months. Noon, Chateau Bleu, 1111 Ponce de Leon, Coral Gables, FL. Net: 146.94 Weds. 9PM. Info: W4KO, W4KGJ or K4BLM.

EXTENDED DIRECTORY

QCWA SUNCOAST CHAPTER. From Tampa so to Marco Isl. Meet at Daveys Locker Rm. of Windjammer Rest., 7100 S. Trail US 41 1st Wed. ea. mo. Oct. thru May. Info: A. Hodson W4PJF 756-5792.

QCWA SUWANNEE CHAPTER. Net Sat. 7236 plus/minus 9AM. Pres. T. Freck W4WL. VP H. Henline W4JOP, Sec/Tres. H. Carpenter W4JTJ, 815 Hemlock St., Inverness, FL 32650 Info phone 904-726-7497.

QCWA TREASURE COAST CHAPTER, Chmn. Karl Gansler, W4PSG, & Sec-Tres, Bud Greenlees K4BHW. Lunch 2nd Thurs. at Sheraton Regency No. A1-A, Vero Beach. Mail: PO Box 3088, Vero Beach, FL 32960.

SARASOTA AMATEUR RADIO ASSN., Inc. W4IE. Meets 3rd Tues. 8PM Rm. A-9, Sarasota Jr. Hi School. Sarasota Hamfest 3rd weekend each Jan. Mail: P.O. Box 3182, Sarasota, FL 33578.

SOCIEDAD INTERNACIONAL DE RADIO AFICIONADOS, Inc. WB4ESB & WB4ESB/R 147.90/30. Mail Box 524071, Miami 33152. Tfc Net 14300 Sat & Sun. 9-11AM. Emgcy net 14205 & 147.510. Info & drill net Tues 9PM thru repeater.

SOCIETY OF WIRELESS PIONEERS (SWOP) EDISON CHAPTER. Meet Sun. 2PM 7053 kHz. Bill K4TF, CHOP. Info about SWOP: Bill Willmont K4TF, 1630 Venus St., Merritt Isl., FL 32952 or net.

SOUTH FLORIDA FM ASSN. WB4MCK/R, 146.16/.76 & KB4KW/R 146.40/147.00. Mail: P. O. Box 430025, Miami, FL 33143. Meetings 1st Monday, CD Hq., 5600 S.W. 87th Ave. All welcome ! !

ST. PETERSBURG AMATEUR RADIO CLUB, Inc. W4GAC. Meets 8PM 1st Fri., Red Cross Hq. 818-4th St., Mail Box 4026., St. Petersburg, FL 33731. All amateurs welcome. Bring a friend.

TAMPA AMATEUR RADIO CLUB, Inc. W4DUG. Meets 1st & 3rd Mon. 730PM at Club House, Davis Isle. Columbia & Barbados. Mail: 4316 W. Oklahoma, Tampa, FL 33616 .

CYPRESS CHAPTER of Ten-Ten International meets Wed. 8 PM on 28, 665, covers E. Central FL. K4TSY Chapter Head. For certificate work 5 holders, send log info & $1. to Box Lucas, K4HTU, RD2 Box 2630, St. Cloud, FL 32769.

WEST PALM BEACH AMATEUR RADIO CLUB, Inc. W4HAW, Box 6834, Southboro Station, W. Palm Bch 33405. Meet: 1st Wed. 730 PM, 823 Newark St., W.P.B. Phone 967-1477.

ZEPHYRHILLS AREA AMATEUR RADIO CLUB. Meets 1st Wed. of each month, 7:30PM at Community Center at Lake on W 54. Mail to 1312 - 13th St., Zephyrhills, FL 33599. Come & bring a friend.

P.B.R.A. PALM BEACH REPEATER ASSN., Inc. .28-.88 Meets 1st Tues Each month 7:30 PM Science Museum, West Palm Beach. All welcome. Memberships available P.O. Box 461. Lake Worth, FL 33460 or call James Schoech, WD4LHF, 684-2116

OSCEOLA COUNTY AMATEUR RADIO CLUB meets 2nd Monday of each month 7:30PM at Sun Bank, 13th St., St. Cloud, FL. Repeater 146.19/146.79 (W4SIE). All visitors are welcome to join us.

SOCIEDAD INTERNACIONAL de RADIO AFICIONADOS, Inc., (SIRA) Seccional Tampa. 146.835/235 bilingual rptr. Nets each Wed. 9-930PM Club meets 1st & 3rd Thur. at Western Sizzilin Steak House, 4215 W Hillsborough Ave., Mail: P.O. Box 15392, Tampa, FL 33684.

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THE NAVY CLUB

By Larry Pierce, Sec'y./Treas., W4PGD

The Navy Club meets 9 A.M. each morning, Monday thru Friday on 7260 MHz. As of 30 July 1981 it had completed 675 sessions in the two years it has been in existence, with an average of 18 stations checking in from as far north as Indiana and as far south as Key West.

Due to the propogation difficulties during the month of July it was necessary for WA4VAL in Charleston, S.C. to do the relaying for the Florida stations. N4DUY in Warner Robbins, GA also was of much assistance.

W4LFL and W4DMD are in the Sick-Bay again, W4LFL was in a serious auto accident and has been off from the air. We all wish them a speedy recovery. EX (KA4EDP) has upgraded his call and is now N4FDF. (Congratulations.) W4FTH and W4BUB are back from shore leave as is N4ANZ. KC4MP's XYL Susie is back in the sick bay for treatment after a long serious illness.

K4UGC (Dry Lake Bill) in Okeechobee has been giving us constant reports on the condition of the lake level each morning. WB5EMN reported in from Arkansas on the 23rd of July. KA4AMP in Clarksville, Tenn. reports in each morning when conditions permit. WB4SNX and W4PUR are still on Shore Leave in N.C.

The Navy Club welcomes any Amateurs they might assist to check in at any time during their sessions. At present there are 37 certificate issued members on the East Coast of the U.S.

USAF MARS (STATEWIDE)

By Philip A. McMasters, W4BCZ/AFA2XR
Acting Florida PAC

HELP! We need amateurs in the Panama City area of Tyndall Field to join this organization and become a part of the BASE SUPPORT UNIT. A letter to Mike Green, AFF2FL, State MARS Director, 8500 S.W. 92 St., Miami, FL 33156 will bring you details and forms for obtaining membership in MARS and the BSN.

August 1st found the results of the selection board at HDQS for Region Communications Manager, AFF2C to be AF3FB L. Vic Carson of Atlanta, who has made the following Region Official appointments at this time: Richard M. Burton. AFF2N/AFA2CW. Knoxville, TN; Eston L. Gallant, AFF2P/AFB2PT, Marietta, GA. Joseph M. Meserve, AFA2YH/AFF2F, Weaverville, NC will be boss frequency monitor. Other appointments will remain the same or be made later.

The NETWORK DIRECTORY, 1 JUNE 1981 has been mailed to all AFFILIATES. Please read the FORWARD **very carefully**. Nets will be identified by the names given. Note that the Florida Sunday nets are shown as two one-hour designations each beginning at 1800Z and 1900Z if you keep your clock on WWV time. Several mistakes in time and frequency have been noted and the SMD listed changes on the net.

The UN-NAMED Newsletter states that authority to publish expires 30 Sep 81 unles continuance is authorized prior to that date. Will we know the results of the voting for a name??? if any. . .

WHAT IT TAKES TO JOIN ARMY MARS — ANTENNAS

By Dick, AAR4PP

I know a longtime Army MARS member whose only antenna is an invisibly-thin length of wire strung secretly from his apartment in a condominium complex to a lamppost outside of his window. Another good friend has one of those go-anywhere twinlead-dipole-balun-tuner arrangements, and I have yet to find a frequency or time when his signal doesn't make my s-meter needle wrap itself around its pin.

In the words of author Bill Orr, W6SAI, tnere are only two kinds of antennas: good ones and great ones. So if you can get out on the Ham bands, you know you can get out on Army MARS frequencies, which — fortunately — lie conveniently close by. Like at 4.025, 4.035, 6.9975, 7.311, 14.402, 20.975.

There's another way to fly, though, especially for folks who put

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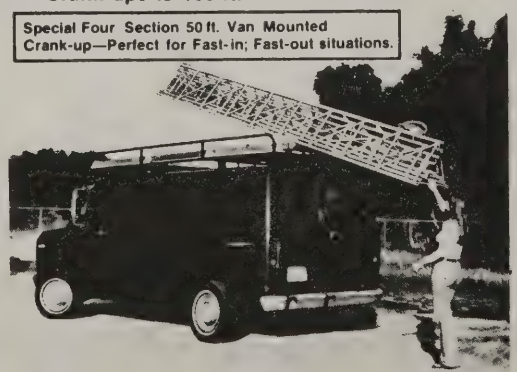

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FLORIDORA YLS

By Cathy Soehl, W4BAV/ARNS

KA4BBA, Eldean thrilled with new wind-breaker jacket, white with "METRO" symbol, call & name on back. KA4BBB, Marie back from Colorado, presented it to Eldean.

KA4ELA, Jan, member of the Navy-Marine Corps Mars, with call NNN0YKM, was one of 3 to recieve "Certificate of Recognition" from Chief, NAVMARCOR-MARS, at the Region 2 Conference, at Newport News, Va. Congrats, Jan, we're proud of you.

WA4WOU, Faith & K4RBJ, Dave returned from vacationing in Ind. & Ky.; participated in Field Day in Ind. Good to be home.

K4RNS, Marge, after talking to K6DLL, Marcia for many years, enjoyed meeting her & OM, Ted, as they were touring all around, even to Australia, N.Z., etc. Their headquarters is Nevada until finally decide to settle down. Had dinner together & "yacked" a storm.

• VWOA CERTIFICATE •

Veteran Wireless Operators Association, VWOA, will grant certificates of recognition to persons who operated and maintained arc and/or spark transmitters while serving as radio operators aboard American Flag vessels.

If you qualify, please send your name, address, name of the vessel and the year you served aboard the ship. Any facts, including pictures, regarding the equipment you have or may recall will be helpful.

Please forward this information to Harvey R. Butt, Sr., Secretary VWOA, 118 River Drive, Annapolis, Md. 21403, as soon as possible to provide the time necessary for research and preparation. Applications MUST BE received no later than December 1, 1981.

(Via K4TF)

THE GOVERNMENT ANNOUNCES A CONTEST FOR THE BEST ESSAY ON "WHAT'S WRONG WITH OUR GOVERNMENT?" THE FIRST PRIZE IS TWENTY YEARS.

AMATEUR OF THE MONTH

By K4TF (SWOP Bulletin

Today we meet Art Johnson, WB4SNX, of Pinellas Park. He is originally from Abilene, Texas, and got his start in radio in 1927, when he enlisted in the U.S. Navy. He received his code practice in an old ARC room aboard the Navy Tanker, USS Brazos. His first transmitter was a 5 KW Quenched Spark.

Other ship assignments included tours on the USS Antares, USS Lexington, USS Chicago, USS Decatur and USS Pennsylvania. He also had tours at radio communications and DF stations in the 11th Naval District and CINCUS. When asked about interesting happenings, Art says they included, "Everything that such varied duties can imagine, but it was all interesting." Art retired from the navy in 1947, and went to work as a civilian at the NAS at San Diego, where he spent ten years as Production Supervisor in Electronics. Art then spent 12 years working for the air force and defense supply agency, retiring in 1970.

Art's hobbies include boating and fresh water fishing. He also likes to travel. He is a member of the Old Time Communicators of Southern California and ex-navy and marine NTS. Art is a member of the Navy Club, the Old Goats Net and the Martin Company Ragchewers Net. Best wishes Art, for a long and happy retirement.

DX WITH W4MB

Dummy Loads for the DX'er (and others too).

Its reached the point where it is impossible to have a QSO without being jammed one or more times by someone tuning up on frequency. The problem is somewhat worse on SSB, and is aggravated by the greater bandwidth of receivers in the SSB mode. All countries seem to be involved.

The solution is simple. Everybody use a dummy load for tune-up. With just a little care and time in arranging the station auxiliaries, the tune-up process can be made quick, painless and QRM free.

The things you need are:

- The dummy load;
- An antenna-load selector switch; and
- Calibration dials on the equipment.

And maybe we should add—the desire to reduce the QRM you cause.

Visit the junk box, a surplus house or even Radio Shack, and get suitable-sized dials with at least 10 and preferably 100 calibration marks. Substitute these for all unmarked knobs or dials—save the originals for resale replacement. Now you can make a log of all settings for the bands you use. Retune completely in seconds!

High-priced coax switches are fine, but unnecessary. Any switch or relay rated 3 amps and 250 volts is good for a kw. A wide-spaced ceramic insulated rotary is superb. Hint. Get one with two sections, one progressively shorting, and get your lighting protection at the same time—This is Florida.

Good dummy loads are available commercially. Its also easy to make your own. Six 300 ohm, two-watt A-B carbon resistors in parallel are good for the average single package rig. Twenty or so in series parallel will handle any kw.

A little cabling finishes the job. Now its simple. Set the knobs to the logged value and touch up in the dummy position. Now go to the antenna, and start transmitting normally—not a carrier. You may need to touch up the antenna tuner or final slightly, but the wattmeter or SWR meter will probably be plenty good without it.

Now you are entitled to complain if someone tunes up on the frequency you are using. Such a character deserves the same consideration as someone walking in the door uninvited and without knocking.

Once upon a time there was a lion so ferocious that he ate a bull. He felt so great that he roared. A hunter heard him roar and shot him. MORAL: If you are full of bull, keep your mouth shut.

A caterpiller met a friend at her psychiatrist's office: "Are you coming or going?" -- "If I knew that I wouldn't be here."

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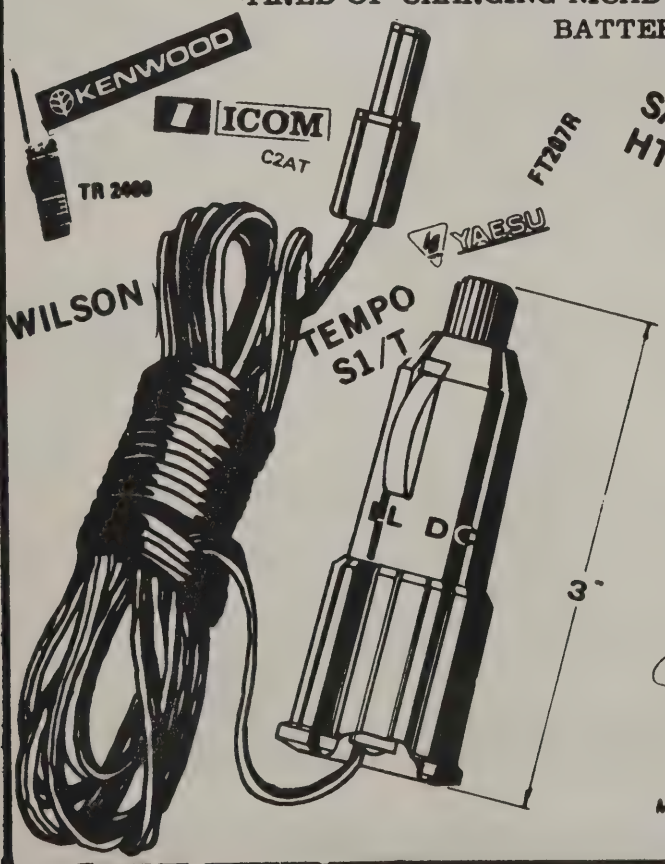

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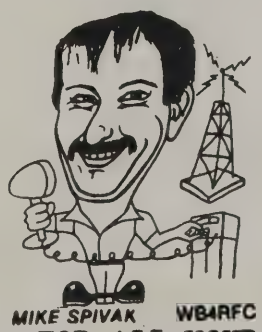

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Mr. Bob Soper, meteorologist for channel 7 TV (r) accepts a certificate presented by Dade ARPSC Radio-TV publicity Co-ordinator, Jim McCormack, KA4IAY at the Hollywood ARC meeting April 20th. Watch for Bob on the 11 oclock news.

SEND SLOWER

Dutch Wetmore, KA4HDQ, relays this story: A Japanese merchantman, inbound to Wilmington, California was trying to get a set of radio direction finding bearing from NPX at Point Fermin. After an extended try at an exchange of communications between the ship and NPX, the merchantman sent the following Service Message through Marine Radio Los Angeles:

Dear Mr. NPX—Please do not tap key so furiously—hasty makes waste—virgin operator this end!

"Our Navy" Magazine circa 1937
(WR4ACE, REporter)

NEW POSTAL RATES FOR INTERNATIONAL MAIL

Rates for surface and air mail sent to foreign countries were increased, effective January 1st. These new rates apply to most amateur radio related correspondence.

Surface Mail for Letters..... 30¢
(first ounce and 17¢ each additional ounce)
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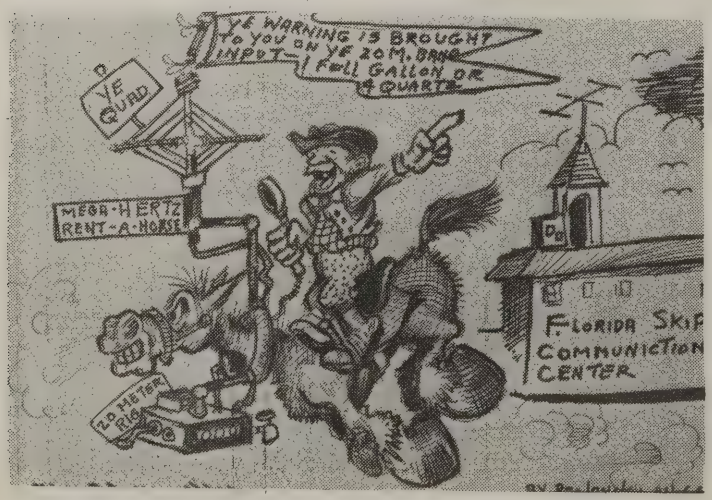
Air Mail for Letters..... 41¢
(perhalf ounce)
(35¢ to Central America)
Air Mail for Post Cards..... 28¢



"Early to bed and early to rise makes a man healthy, wealthy, and wise." now comes up as: "What can you expect of a day that starts with getting up in the morning?"

Our SKIP cartoonest, Hank Projansky, WIGSI/4 (left) of Miami Beach chats with famous cartoonest Al Capp of "Lil Abner" strip at his Boston home. Hank and Al are old friends. This was taken many years ago Hank says. Thanks for sending this in HP.

REPEATER NOTES
By Woody, K4SCL

If you are signing clear, it is necessary, according to current regs, to give the call-sign of at least one of the stations you are in QSO with, or the recognized net identification, in addition to your own call-sign. Just saying "K4SCL clear" is not sufficient for legal identification. But "K4IHH (or SPARC NET) this is K4SCL clear" is OK. This may take place on the SPARC repeater, but you don't need to clear with the repeater. Although practical considerations may require you to call somebody to start a conversation, the regs do not require you to give another station's call-sign when beginning a QSO. Just your call is sufficient at beginning and at 10 minute intervals until ending QSO when both his and your call are required. You are not prohibited from giving the other station's call, if that is what you want to do. Similarly, you are not required to say "mobile 4" or "portable 4", if you are a U.S. licensee. Foreign stations operating here are required to use the mobile 4 or portable 4. But once you have properly identified, using your call-sign, there is nothing to prohibit you from saying "portable" or "mobile" if you want — especially if you feel it would be significant information for the benefit or parties you are talking to. (SPARC GAP)

AMATEURS AND AIRPORTS

Amateurs living near airports will shortly be facing changes in licensing procedures. Under the present rules, amateurs living near airports must note so on their applications and submit a Form 714 to Gettysburg when renewing or modifying their licenses. Under the new procedure, which was agreed to by the commissioners on January 13th and becomes effective as soon as appropriate forms can be prepared and distributed, those amateurs will have to submit detailed antenna information direct to the FCC Antenna Survey Branch for consideration and approval.

Examination of the new Form 610, shows that apploicants are asked: "Is your antenna structure (1) over 60.1 meters (200 feet) above ground level or (2) less than 6.1 kilometers (3.8 miles) from the nearest airport runway?" (Item 9) The new Form 610 is dated August 1980. This new antenna information requirement is obviously an extension of FCC's concern in this area. All applicants must now use the new Form 610 for all requests to the FCC.

(W44ACE, Reporter)

The Bible says: 'Thou shalt not stand idly by the blood of thy neighbor." This means that if you see someone getting stabbed, run like hell.

Why should so many people turn to lawbreaking when there are so many legitimate ways to be crooked?

QCWA CALLING FREQUENCIES

By Bill Waldo, W4PI

A new and popular wrinkle for Florida QCWA developed March 14th at the QCWA Luncheon of the ARRL Convention/Orlando Hamcation. The original suggestion was put forward for National QCWA; but, due to the fact that Florida is the number two state in QCWA, it was decided to try it out in Florida first. This is to be called "The Florida QCWA Monitoring and Calling Period". Many of our national officers and directors at the luncheon thought it was a splendid idea, and that Florida is the place to try it out first. This is to give us a certain slice of frequency, a certain day and time period for both CW and SSB; where QCWA members may expect to find the other QCWA members. They can have a short chat, or an old-fashioned rag chew, or conduct chapter and inter-chapter business. This would not be a directed net-only QSO and round tables — QSY's frequency is busy.

The frequencies are: 3530 to 3535 (CW) and 3950 to 3955 (SSB) at night; 7030 to 7035 (CW) and 7250 to 7255 (SSB) daytime. The day will be Thursday, each week. The time: 12:00 to 5 p.m. EST 40 meters and 7:00 to 9:00 p.m. EST 80 meters. Call and/or monitor on the hour and half-hour. Starts April 2, 1981.

Publicity will be given on all QCWA Nets and in the National QCWA Hotline. All Florida chapter chairmen and secretary's are urged to disseminate this information at their meetings and nets. Join us, gents, to make another "QCWA Florida First".

N O T I C E ! ! PLEASE check your mailing label. If your ZIP number is not correct please advise us soon as possible. If number is off by only one, it delay your SKIP as long as 4 or 5 days. Also when you move give us OLD and NEW address at least 7 days in advance of move. Tks. Editor.

One of FLORIDAs' oldest active amateur is Joe LaLonde K4JZI, 92, of Lakeland. Charlie Zutto WB4NSQ said Joe is very alert, gets around town OK and works amateur radio to his old friends. Stick in there Joe OT!(Photo via K4GT)

PLEASE DON'T FORGET: Our HAMBAR deadline is the 8th of each month. This means, your ad MUST be IN Box 501 by the 8th. DO NOT CALL editors home with HAMBARS or last minute changes. We WILL NOT accept them! All Hambars received after the 8th will be held for the following month. Thanks for your cooperation and consideration! ! Editor

July 7, 1981 - PR

AMATEUR RADIO CALL SIGNS

Amateur radio operators have continually expressed an interest in what are the latest call signs which have been systematically assigned. To further our policy of making the new call sign assignment system public a list of the last call sign issued, by group, for each radio district and non-contiguous area is published. The following is a list of the last call signs assigned as of the first of June 1981.

Radio District	Group A	Group B	Group C	Group D
Ø	KKOM	KCOCY	NOCTB	KAOLLS
1	KE1B	KA1SH	N1BOV	KA1HGU
2	KN2F	KC2CP	N2CQI	KA2MVV
3	KD3Z	KB3RS	N3CFH	KA3HOO
4	NN4W	KD4NO	N4EZE	KA4UXL
5	KS5B	KC5SB	N5DMO	KA5LTX
6	NC6A	KE6AT	N6EQO	KA6PZM
7	KJ7H	KC7CK	N7CVH	KA7KSM
8	KN8X	KC8IE	N8CWO	KA8NFI
9	KG9K	KC9BK	N9CJA	KA9LEJ
N. Marina Is.	AHOA	AHOAA	KHOAC	WHOAAE
Guam	AH2L	AH2AK	KH2AQ	WH2ACW
Johnston Is.			KH3AB	WH3AAB
Midway Is.		AH4AA	KH4AC	WH4AAF
Hawaii	NH6K	AH6CY	KH6NN	WH6APT
Amer. Samoa	AH8A	AH8AA		WH8AAL
Wake Wilkes Peale				WH9AAA
Alaska	NL7W	AL7CQ	KL7OF	WL7AQW
Virgin Is.	KP2B	KP2AF	NP2AJ	WP2ACO
Puerto Rico	NP4F	KP4CZ	NP4CP	WP4BWK

ARE AREA NETS NEEDED?

By Chuck Clark, K4ZN

The National Traffic System bagan handling everything by nets. Section nets fed to region nets, then traffic went to area nets, and finally to a nation-wide net. Both the evening and the daytime cycles got started this way, but soon changed to the system we now have, with the Transcontinental Corps handling traffic between areas.

Nets used, as its model, the organization of MARS nets. But MARS has a military mission, and so its traffic needs are somewhat different from those of the Amateur Service. In particular, most traffic is on a horizontal level, between people everywhere and other people everywhere else. Concentrating all the traffic into a single channel makes sense in a military situation, but creates bottlenecks in civilian operations.

Here is an alternative suggestion. The region nets give their traffic to a representative as hertofore, but these representatives would contact receive representatives of the other regions instead of going to an area net. Regions would designate two or more such receive representatives, perhaps one on 40 meters and another on 20, the idea being to have someone to receive traffic on enough bands to ensure reception from all the other regions. Receive representatives would operate on published frequencies and would control the traffic on these frequencies.

Would it take more operators? Probably not, or at least not many more. Eliminating the area nets would let the net controls and the TCC people use their skills in moving the traffic between regions. The proposed system would open the door to participation by stations in the Deep South who often can't hear the area nets up in Yankee land. And it would also expedite the traffic, eliminating several relays in many cases, and moving it more directly to its destination. Comments pro and con will be appreciated.

TWO JAMMERS NABBED BY FCC

Two more Grizzly Peak jammers have been caught and cited by the FCC. On September 3 an Official Notice of Violation was issued to a Bay-Area "WA6" for various Part 97 violations; on September 5 a "K6" in Oakland was cited for transmitting obscene, indecent, and profane language over WB6AAE/R. Five jammers have now been caught on the Grizzly Peak machine. Thanks N6SF. (HR REPORT.)

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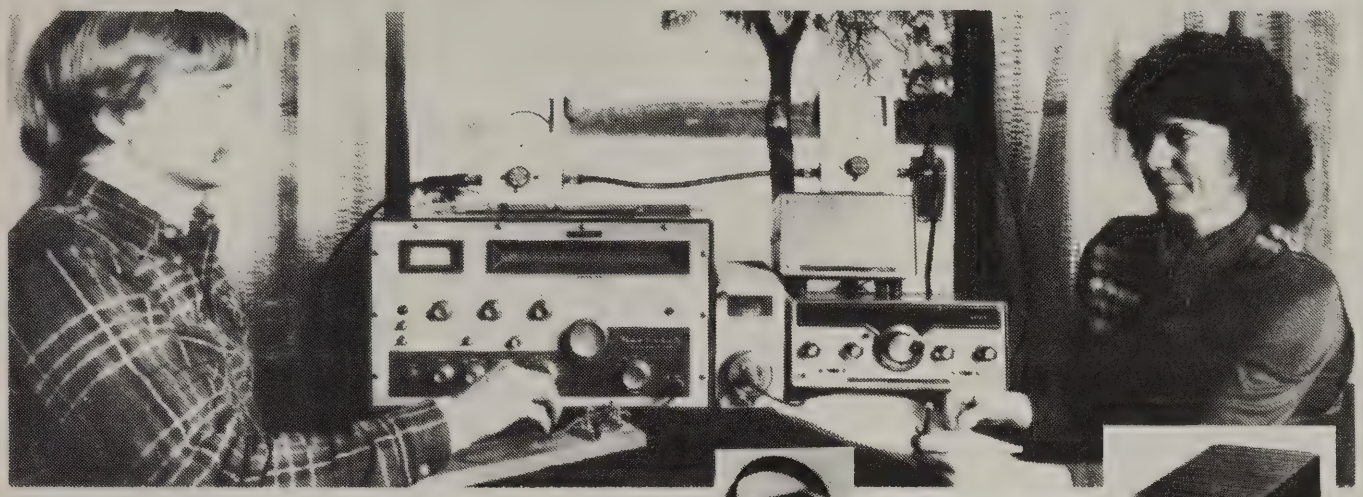

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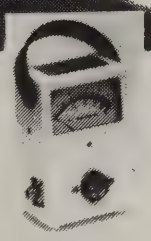

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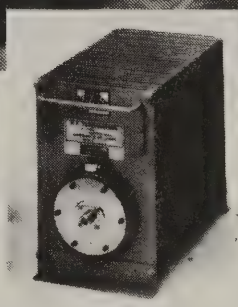

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NET... FM P S

THE GATOR NET

By Walt, KF4U

The Gator Net meets daily at 1230z in Summer (8:30 AM local time) on 7.090 MHz. All are welcome.

Congratulations to Jan, WD4AWN and best wishes for success in her new position. There were several days in July when skip conditions made communications between central Florida net stations almost impossible. We tried shifting to the 3.5 MHz band and found conditions much better. When these conditions exist it is suggested the NCS move the net to 3.651 MHz immediately, leaving one of the more remote stations to guard the net frequency for ten minutes. There were 444 check-ins in July, an increase of one per day over June. Honors for high QNI go to Mae, W3CUL, Andy, W4IYT and Walt, KF4U with 31 each. Close behind were Charlie, W4SIZ, Art, WB4SNX and George, K4TH, each missing only one day. W4IYT and WB4SNX were very helpful when skip was troublesome. We were glad to have the sixteen stations checking in once or twice and hope they will come more often if they can. 73 and ARF!

PERSEIDS METEOR SHOWER AIDS SOUTH AMATEUR

The August Perseids meteor shower proved to be a boon for K1FJM/4 of Homestead. He raised his two meter states total to 21 after utilizing the meteors' ionized trails to complete QSOs with Ind. Ill. Mich., Iowa, Mo., La., Miss, Ala. and Md. He utilizes a kW and an F9FT yagi at 55 feet although many of the stations worked use small beams and only 80 or 100 watts.

Next month look for an announcement of a new VHF/UHF operating awards awards by the Central States VHF Society. We are sure you will find this of interest.

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IS YOUR REPEATER REGISTERED?

Attention repeater enthusiasts. The deadline for registering your repeater for the next edition of the ARRL Repeater Directory is Nov. 1, 1981. Please register your repeater on form CD 240, available for an s.a.s.e., to insure the accuracy of the new edition. Repeaters must register annually to be included. Send all info to ARRL Comms. Dept., 225 Main St., Newington Ct. 06111. (Fm ARRL OB 81 8/11/81) Also send info to our SKIP Repeater Map Editor: Bill Tucker W4FXE, 1965 S. Ocean Dr. 15G Hallandale, FL 33009. We hope you liked map last month.. Ed.

FIELD DAY SCORES 1981

As it was last year, Field Day Scores are slow arriving here at our Florida Skip office. Here are a few we received:

New Port Richey, Gulf Coast A.R.C.	1253 ctcs
Ft. Walton Beach, Playground A. R. C.	2476 pts.
So. Pasco County, Group effort	2635 pts.
Ft. Myers, Ft. Myers A. R. C.	3,516 pts.
W. Palm Beach, P.B. DX Assn.	6602 pts.
Tampa, Tampa A. R. C.	5046 pts.
Gainesville, Hogtown Hams	13,700 pts.

We will have more scores next month. Don't delay send them in now for publication next months. Thanks. Editor

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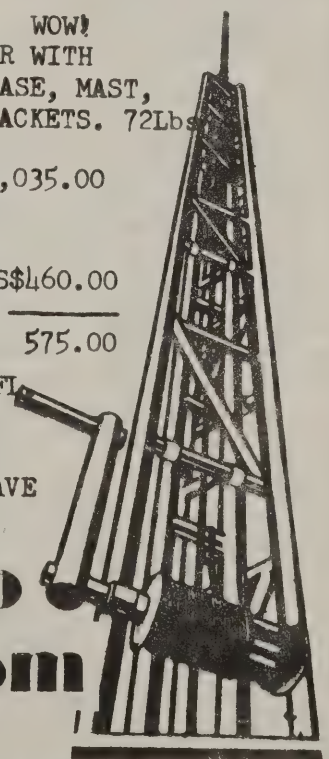

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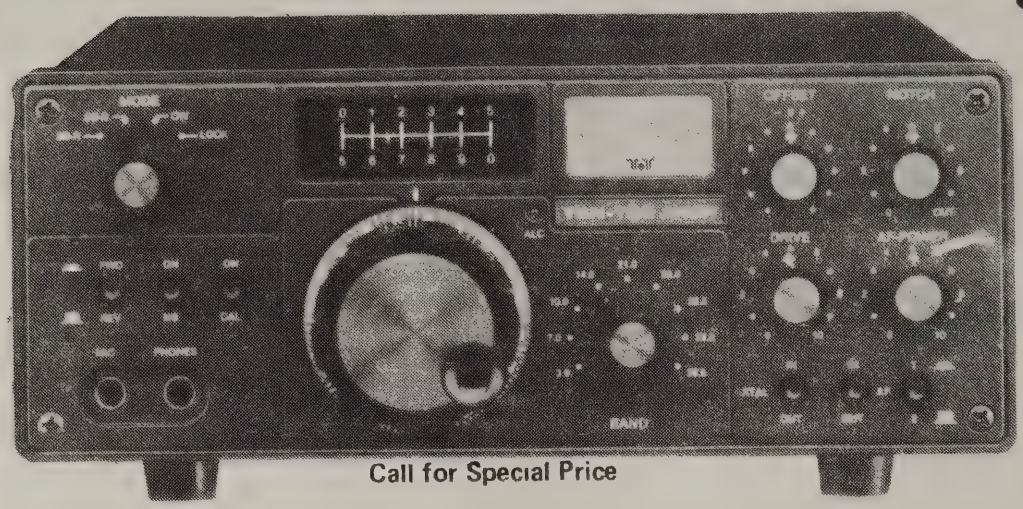

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JUST WEST OF

I-95

more air time into MARS than into the Ham bands. I've cut my antenna system for the MARS frequencies precisely. And, because my antennas are not "flat" or broad banded, I have an interesting benefit.

Low noise! I've been able to hear other local MARS operators and receive overseas phone-patch transmissions with telephone quality when some other stations were getting low readability. A high-Q, precisely-cut antenna IS a noise filter, rejecting QRN that isn't within its narrow spread. Charlie Watters, W4RHE, once told me, "Everything in this Universe has just one resonant frequency, Dick, whether it's an antenna or a slab of lasagna, and you can't beat the laws of physics." (When Charlie looks at an antenna-tuner he says all he sees is one big resistor.)

The point? Well, the laws of physics don't help much if you've got to cover a whole Ham band, but they really come to the aid of MARS members when propagation gets rough.

NAVY-MARINE CORPS MARS

By Bob Barry, NNN0GAL 8/KC4GG

While the Army, Air Force and Navy-Marine Corps operate separate MARS systems, we suspect that their eligibility requirements and operating procedures are very similar. Therefore, the fine articles written by ARMY MARS columnist, Dick, AAR4PP, and appearing in the July and August issues of "FLORIDA SKIP", are worthy of your consideration if you are contemplating joining one of the MARS systems. One suggestion — If the MARS system that is your first choice is not in need of additional operators in your city, you might consider applying to one of the other MARS systems for membership. We still need operators in the following areas: Tampa; Sarasota County; eastern Pasco County; Gainesville; Cape Kennedy north to St. Augustine; and Tallahassee east to Jacksonville. George W. Jackson, NNN0GAL/WA4LJO, Coordinator for the Florida Area, currently is reviewing all personnel files with the intent to eliminate any "deadwood", so additional slots may be available for new members!

Florida Area members are planning a meeting on Saturday, Oct. 3, at the "Suncoast Convention 81" (hamfest), which will be held at the Sheraton on Sand Key, Clearwater. Hams attending this affair are welcome to sit in at the meeting and to meet our members.

The Navy's free correspondence courses continue to be popular with MARS members. Lee Moore, NNN0JIS/WD4GUZ, has just completed the Radioman 3 and 2 Course. Al Hubbard, NNN0HWN/K4HQJ, is into his fifth course involving digital computers, having just completed Data Processing Technician 1 and 2, and Data Processing Technician 3 and 4.

Another Region-wide emergency communications exercise was conducted on July 29, primarily to test and to perfect intercommunications between military stations and MARS (ham operated) stations. Despite poor propagation, the exercise was a success, primarily due to the ingenuity of the operators in rerouting messages around dead spots on the band and in getting them to the addressees promptly.

For more information on MARS activities, drop a note to me at 250 West Canal Drive, Palm Harbor, FL 33563.

TALENT KNOWS WHAT TO DO, TACT KNOWS HOW TO DOT IT! Via KA4BJE . . . .

MIAMI F C C ARPSC RACES MEETING

On the evening of August 12th 1981, a " first" happened in Dade county. Some 25 amateurs representing a major number of repeaters and clubs met with Mr. John Theimer, FCC Inspector of the Miami Office. It was a most interesting meeting : Mr. Theimer explained the limitations of his office, which is now fully staffed by 8 persons. He explained their workload is extremely heavy but they are "slowly catchin' up..."

The subject of malicious interference on the repeaters was brought up and discussed. It was suggested that a "Task Force" be selected from the group present who would work closely with the FCC in Miami and Ft. Lauderdale to report and track-down malicious interference "persons". This "task force" will be selected shortly and will swing into action.

We will have more on this subject in upcoming issues. - A C

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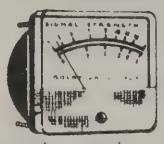

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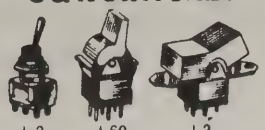

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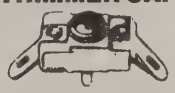

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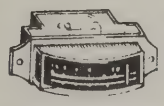

Edge Meter 250 UA, fits in ⅝" x 1⅜" hole. Black background.
Scale 1-20 Top, 0-5 Bottom.

$1.25 ea. **5/$5.00**

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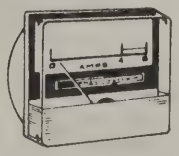

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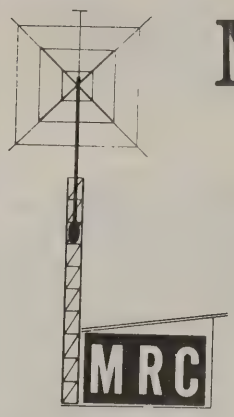

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STATE QCWA NEWS

Edited by Eli Nannis, K4JMH

Headquarters advises all members to be sure to send in a change of address card if they move. They have been having problems with incorrect addresses. By the time you read this article, we will have a new national slate of officers. We wish all them the best of luck and a successful term of office. In spite of the summer doldrums, the State QCWA Net on Sundays is going very well with quite a few check-ins. The net operates at 12.30PM on 7255. Many members of QCWA sent their comments and recommendations of the "Plain Language" rule changes to the FCC. Some of these changes were positively idiotic. It seems that a small group in the FCC is trying to bring Amateur radio down to the CB level. Let's hope that they never suceed. Well now to get off the soapbox and please get your chapter reports to me by the first of each month. If you don't see your chapter report in this column, talk to your chapter chairman about it.

GATOR CHAPTER: A meeting of the chapter was held on July 11th with 28 persons attending. W9JOV was our only visitor. From now on, all our meetings will be held on the 1st Saturday at the El Capitan Restaurant in Clearwater. A set of ARRL publications was presented to the Clearwater Library and they greatly appreciated our donation. Harry Cole W4DLL is our official photographer and he took pictures of 3 of our members receiving certificates from our president, Lou Weber, K4HWS. They were Bob Wettengel, KC4JD, 60 years; Bill Franklin, W4KC, 65 years, and Virgil Lewis, W2NXW, 55 years. We were all happy to see Rudy Nelson, K4NR at the meeting after a long absence due to physical problems. Barney, K4NB is home from the hospital but weak. Vern Parks, K4IGO who suffered a massive stroke and is now in the infirmary at the Majestic Towers in St. Pete. Robert James, W4WS is now a "silent key". Our chapter was net control for the state net on Sundays and was well handled by W4BUB, K4JMH, W4BK & W4IRA. The prize donated by Ray's Amateur Radio was won by W4PTJ.

—Reported by Eli Nannis, K4JMH.

HALIFAX CHAPTER: Our chapter celebrated its first birthday at the quarterly meeting at the Quincy's Restaurant on July 11th. Officers elected for 1981/82 are Chairman Ken Bucklin, K4LP, Vice Chairman Frank Matrangola, W4MYG and Sec./Treas. J. Francke Fox, WB4WTJ. Successful assistance to the families of recent Silent Keys in the area by the chapter Equipment Disposal Committee. This committee may be reached thru N4CBU. All chapter members are urged to help secure new members. Chapter net operations remains at a stand-still until a time and frequency can be agreed upon. Informal get-together lunches continue to be held at Quincy's Restaurant and they are open to all. Dow Boykin, Chief Meteorologist of the Daytona Beach NOAA weather station spoke on the functions served by his office for the community with special reference to the operation of the Volusia County Sky-Warn Net of amateurs which can be called upon as needed by his office. Alerting this net will take place on 147.84/24, 147.75/15 and 147.42 Simplex. Chapter members are invited to visit the NOAA weather station.

—Reported by Francke Fox, WB4WTJ.

PELICAN CHAPTER: The July meeting of our chapter was held at the Manor Restaurant and was attended by 13 members and 6 guests. Due to the small attendance, it was decided to forego the raffle and combine the prize at the August meeting, which will be held August 19th. Howard Cervantes, W2DB was not present to receive his 60 year certificate and it will be presented at a later date. Reports were received on the conditions of Vern Parks, K4IGO and Barney, K4NB. we were all pleased that Ray, K4OC made such an excellent recovery from his recent operation and was able to attend the luncheon with his XYL Carrie. Lew, K4NE is at his summer home in Blowing Rock and expected back in Nov. Harry, K4WP is at Hendersonville until Sept. Jack, W4PLW is presently wearing 3 hats. Dave, W4GQ will be net control of the Pelican net Saturdays at 10.00AM ufn.

—Reported by Jack Mandel, W4PLB.

RATE CARD INFO. . HAMBAR SERVICE of electronic equipment ONLY is available to all subscribers, amateur and non-amateur at the rate of 5 cents per word, which includes address, call sign, etc. Min. charge $2. All Commercial and non-subscribers rate is 10 cents per word. Min. charge is $3. NO reruns, must resubmit ad EACH month. No ad will be published unless accompanied by full remittance! We require all HAMBAR ads contain full mailing address, call sign & the ZIP, Area/phone number, if any. Make it EASY for person wanting to buy YOUR equipment. No HAMBARs via telephone! Commercial display, full page $76.50, Half page $48.50, 1/4 page $30.50 and 1/8 page $19.50 camera ready. Lay-out, make-up, type-set fee is extra according to size and type-set of ad. DEADLINE FOR ALL ADS & COPY is 8th of each month in P. O. Box 501, Miami Springs, FL 33-166. Normal mailing date 25th of each month. Thank you for your cooperation. Editor.

FOR SALE: YAESU FT101E, fan, mike, manual, new in factory box -- $525. Midland Synthesized 2 meter transceiver, model 13-510, mobile bracket, manual, 2 or 25 watts 800 channels, excellent condition $210. Autronic electronic keyer, monitor speaker, solid state, 5 to 55 w.p.m., 115 v.ac. operation, cables only $35.Panasonic 23 channel transceiver, very clean, can be converted to 10 meters $45. with mike. GONSET G-50 6 meter AM transceiver, 50 watts. Transmit Xtal or VFO. Receiver tuneable 50 to 54 MHz. $50. Very clean with mike. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874 evenings.

FOR SALE OR TRADE: 6 foot microwave dish 4GHz LNA switch. MFJ 981 3kW antenna tuner - waters model 369 reflectometer -- Wilson 40-10 vertical antenna. PET Computer 8K with 2nd cassette and software. -- WANTED: Dual trace 10-15 MHz oscilloscope, Must be portable, Heath IO-4550 OK - professional or broadcast mikes, Mixers, cassette recorder, etc. Bob Borum KV4Y, 3236 Harborview, Tampa, FL 33611 813 833-2110.

POWER SUPPLY, d.c. 9 to 15 volt, 15 amp, regulated and adjustable. A-1 shape $49. Bob Boughton W4NCP, 1643 NE 55 St., Ft. Lauderdale, FL 33334 305 772-7023.

FOR SALE: Heath SB-400 xmtr & mike $175. SB-303 rcvr $195. 14-AVQ vert. antenna 10 thru 80, $45. SB-500 2 meter transverter $125. All with manuals. Harry Conowal WA4OFS, 2007 Peach tree Blvd. St. Cloud, FL 32769 305 892-5731.

SCOPE, Heath SO-4550 10 MHz. dual channel, factory wired solid state current model, 1-A shape. $300. Bob Boughton W4NCP, 1643 NE 55th St., Ft. Lauderdale, FL 33334 305 772-7023.

FOR SALE: SWAN desk microphone CM-17L, new never used. SWAN mobile power supply model 412; Heathkit phone patch assembled tested, never used; Bearcat IV scanner, Midland CB model 13-888, QST, Ham Radio, Ham Radio Horizons, 73 Magazines - all bargain prices. Howard Arnold W4PCP, 4118 Cleveland St., Hollywood, FL 33021 305 981-5541.

FOR SALE: Johnson kW Matchbox $175. Cushcraft ATB-34, tri-band beam $145. Thunderbird TH4 MK II triband beam $100. Rohn 25-G top section 2 straight sections $90. Omni D series B with SSB filter $795.00. Ten-Tec mike and processor $100. Yaesu PEP wattmeter $75. Waters D.L. No. 334 $90. Waters six crystal freq. deck for KWM-2 $40. Charlie Fowkes WB4BOM, 4903 - 29th Ave. West, Bradenton, FL 33529 813 - 792-4049.

FOR SALE: Ten-Tec 580 Delta transceiver with 280 18A power supply in factory carton. Absolutely mint condx. $675. FIRM! Bill Fanning ND4P 2710 Sunny Brook Rd., Jacksonville, FL 32216 Phone 12 noon til 11PM 904 641-3440.

SCOPE: Tektronix 453 60 MHz solid state dual channel, dual sweep A-1 Shape $790. Bob Boughton W4NCP, 1643 NE 55 St., Ft. Lauderdale, FL 33334 305 772-7023.

FREE HURRICANE MAPS 11X17 inches, excellent for tracking hurricanes - God forbid. Also have newest FCC 610's. Please send business size (no. 10") S.A.S.E. to FLORIDA SKIP, Box 501, Miami Springs, FL 33166.

FOR SALE: COAX RG8U, various lengths 15 cents each foot. PL259's with UG-176/U adapters both for 50 cents each. Min. order $2. 10" LAPP antenna insulators, the best money can buy $1.00 each plus UPS. No. 8 antenna wire 5 cents per foot plus UPS. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

NOTICE: PLEASE DO NOT call Ye Editors home about Hambars. If a HAMBAR appears in this column WITHOUT a telephone number, don't call us and ask for it. WE DON'T HAVE IT! SOooo please, give your name, call sign, mailing address, ZIP, area code and phone number in your HAMBARs. Make it easy for people to reach you to buy your equipment. Many thanks!!

SWAN ST-3 antenna tuner, 80 thru 10 meters, 500 W SSB. Has two panel meters for SWR/power with 4-switchable inputs plus long-wire. Size 4" H X10" W X 12" Deep. Looks new. $85.00. Frank Ireland K4UUO, 7425 SW 34th St. Road, Miami, FL 331-55 305 592-8930 days or 264-4448 evenings.

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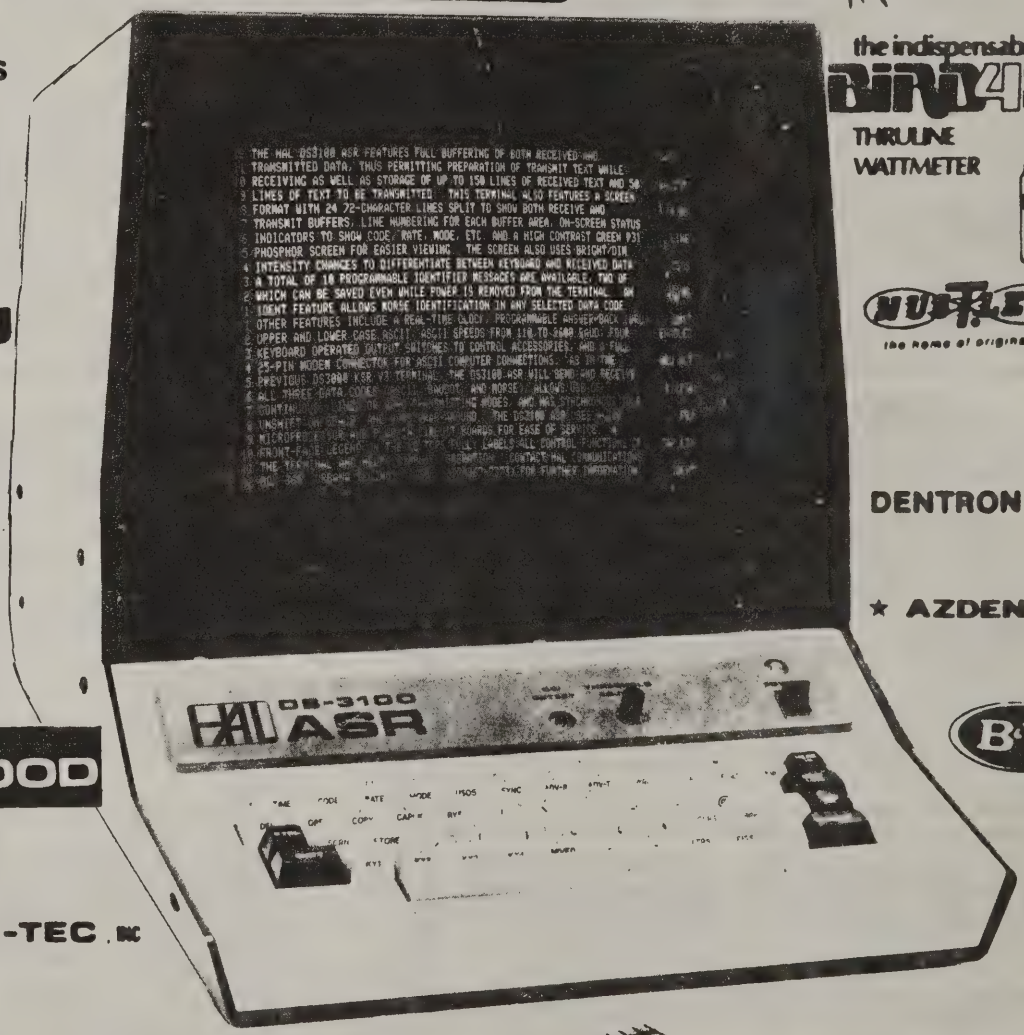

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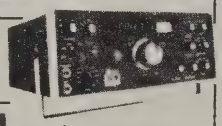

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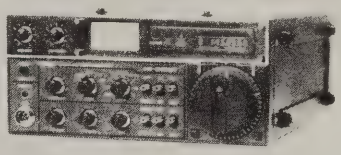
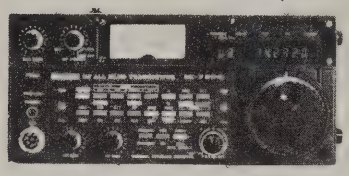
IC-22U 2 meter, FM, 10W, 800 channel, synthesized. Frequency selection remotable with EX199 adapter. Compact, easy to use, affordable.



IC-251A

2 meter multimode base station. Operates from AC or 12 VDC. FM, SSB, CW, 10 W., squelch on SSB, CW sidetone 3 memories, scanning.



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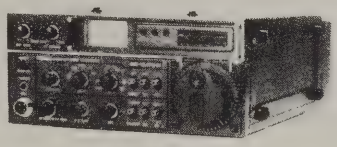

IC-551D

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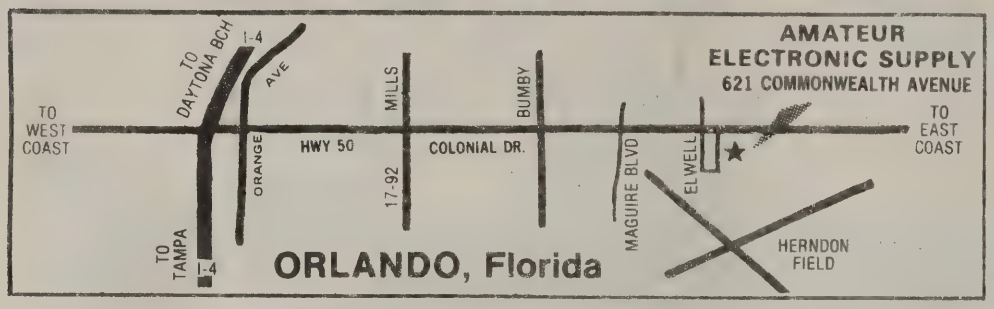

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VHF'ERS ROOST
By Frank Shannon, K4GT

THANKS, FELLAS, FROM AN OCTOGENARION! Many Birthday cards have been received from our readers and from amateur friends, in general. One humorous card from an ole'-timer, Colonel Manuel "Pete" Fernandez, USAF (ret.), W4SM — his card caused Ye Scribe to burst-out into hilarious laughter — here it is: "I dreamed you celebrated your birthday by running **naked** down Main Street playing the **bassoon** — but I knew it was only a dream — you can't play the bassoon!" Tnx, "Pete" for the chuckle! **And, tnx to all who sent cards!**

REMINDER, ARRL SEPTEMBER VHF QSO PARTY. The week-end of September 12-13, 1981, ARRL invites you to join-in their **VHF QSO PARTY,** to work as many VHF'ers in as many ARRL sections and countries, as possible, using authorized frequencies above 50 MHZ. See page 76 of August "QST" magazine for complete details. Here's wishing you a good "band-opening"! Begins 1900 GMT, Saturday, Sept. 12th, and ends 0600 GMT, Monday, Sept. 14th. You operate no more than 28 hours out of the scheduled 35 hours. "Off-time" must be in increments of 30 mintues, or more. Space, in this column, doesn't permit listing full-details — **SO, SEE "QST", AUGUST 1981, PAGE 76, ASAP!**

SOUTH FLORIDA FM ASSOCIATION. What a most pleasant surprise! This fine association, operating two repeaters in Miami area, WB4MCK/R (146.16/76) and, KB4KN/R (146.40/147.00) has placed this editor on their newsletter mailing list (addressed to K4GT, Frank Shannon) — Thanks Fellas! This publication will assist in better geographical "coverage" of Florida. Possibly due to mailing-postage costs (increases), this column now on list of two associations (or clubs) — namely, Naples FM Association, and now, our new friends at South Florida FM Association, Miami, using their slogan "Serving the community thru amateur radio." Mentioning public-service and public-image — they are calling your attention to "Hurricane Season Is Here!" — therefore your assistance is requested — they especially need volunteers for shelter communications prior to or during a storm. Please contact Bill Dugan at 596-8750. In stating that this column now only is on mailing-list of two associations/clubs newsletters, we are dues-paying members of Tampa Amateur Radio Club, TARC, and, Tampa Bay Repeater Association, TBRA, thus receiving their respective monthly newsletters. Also Jim Apsey, formerly of Florida, now of Toledo, Ohio, who regularly mails us much "info", such as ARRL's Bulletins, and Jim's radio club monthly newsletter.

LETTER EDGED-IN-BLACK. Our friend and TARC club-member, William E. 'Bud" Warning, Tampa, W4LAW, has joined the "Silent Keys" list. "Bud's" funeral service was held Monday, July 27th. He was a Past President of TARC (Tampa Amateur Radio Club), a veteran of WW II, serving U.S. Army, a native of Chicago, having resided in Tampa for 36 years. A member of American Legion, "U.S.S. Tampa", Post No. 5. Bud was buried in the American Legion Cemetery, adjacent to post-home, with military honors. A graveside Masonic service was conducted by Hillsborough Lodge 25. Possibly you amateurs may recall that another outstanding ole'-timer, W4BNI, Ralph Coady, was buried in this same cemetery, approximately two years ago.

WB4OSN, JOE PICIOR'S LETTER. Sorry, but no letter from Joe at this "dead-line" date! Joe usually furnishes this column with news of the 6M FM'ers — as he often refers to them as the "Big Shots' and "Little Pistols" of 6M SSB. We will repeat Joe's request, written in his last month's letter — **PLEASE COOPERATE DURING 6M "SKIP-BAND-OPENING" BY QSY (AFTER ORIGINAL CONTACTING) OUT OF THE "DX WINDOW" BETWEEN 50.110 MHZ AND 50.110 MHZ. THIS WILL REDUCE QRMING DX QSO's. THANKS!**

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SELL: BRAND NEW, STILL in box Mallory Door electronic sentry. New battery powered intrusion alarm -- that detects intruders before the intrusion occurs. Instant portable protection for motel, hotel or any room in your home. Anyone touching outside door knob will sound the alarm. Simple installation. Simple instruction included only $15.95. A. C. Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

THE REAL PROBLEM WITH OUR SPARE TIME IS HOW TO KEEP OTHERS FROM USING IT! ! KA4BJE.....

Effective Jan. 1982 QST advertising rates will be increased by 10%. A full page, one time, non-preferred position, black & white is only $2,424.00 FLORIDA SKIP full page is still only $76.50 to 3635 active Florida and 23 other states.... Editor

SELL: Heath HA-201A IW-in 10 watts out for handheld's with manual, mint $50. ICOM: HM-9 speaker/mike, brand new $30. for 2AT. Jim Gysan, W1VYB, 53 Lothrop St., Beverly, MA 01915 617-922-3850.

WANTED: VFO-101 for YAESU 101E. Russ Yoder KA4KXW, 695 Reed Rd., Smyrna, GA 30080 (home) 404 432-1803 (office) 404 355-3810, call collect.

FOR SALE: 50 ft E-Z Way, 3-section tower with Ham M rotor and mast. Total height about 60 feet. $650. This tower has been used here over 10 years and presently supports a 3 element Yagi. No concret required if ground post set in about 6 ft. The crank down, crank-over feature gives hurricane protection. COLLINS KW-1 $1000. Visit, inspect and operate any time. Ross Akre W4ZZZ, 6121 SW 82 Ave., Miami, FL 33173 305 271-9292.

WANTED: Wiring diagram and/or operating information for Fist six meter linear manufactured by FIST Communications of Fullerton, Calif. Will xerox and return or pay for xerox info. Thornton H. Smith W4HZR, 109 E Prima Vista Blvd., N. Port St. Lucie, FL 33452 305 878-0723.

MUST SELL: KENWOOD TS-120S, 40 foot E-Z Way crank up tower, Wilson monobanders 10-15 & 20 meters, Ham III rotor and all cables, etc. May deliver in Miami area. All for $1400. Can sell separate. See it working. Raul J. Pla WD4EBG, 6535 SW 52 Ter., Miami, FL 33155 305 443-7195 anytime.

FOR SALE: KENWOOD TR7625, 2-meter FM rig. 25 watts. Noise cancelling mike, one memory frequency $275. Bill Whitaker WD4JKM, 13360 SW 50 St., Miami, FL 33175 305 592-7184 or 223-5782.

FOR SALE: 12 volt rechargeable battery pack. mod no. BRR-12 with built-in charger. Up to 500 recharges. Sealed nicads $5.00 plus $1.25 packing and postage. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FOR SALE: The best all-band vertical antenna made, the Hy-Gain Hy-tower 18-HT, never been erected $210. Pick-up only. R. P. Hiltner W3GHX, 595 Lakefront Blvd., Winter Park, FL 32789 305 628-3074.

FOR SALE: Heathkit SB-101 transceiver with SSB/CW filters $275. SB610 monitor scope $75. and HM-102 SWR/watt meter $25. All in good condition with manuals. WANTED: TOWER, preferably 50 feet or taller crank-up. Robert Wiemann WB4FCR, 3720 SW 22 St., Ft. Lauderdale, FL 33312 305 763-5182 (days) 305 583-0352 evenings.

FOR SALE: DENTRON MLA2500A 2kW linear. Hi-low power transformer, factory 10 meter band. Only 35 watts drive for one kW d.c. input. Best offer. Bill Whitaker WD4JKM, 13360 SW 50 St., Miami, FL 33175 305 592-7184 or 223-5782.

SELL: FM27-B, 30 watts, 2-meter synthesized rig with 6 amp a.c. supply, mobile antenna. Mfg. Grandmaster memory keyer with Bro Brothers paddle $125. Atwater Kent BC radio, restored with speaker $100. Carl Treece W4NFK, 3121 NE 10th Terr., Pompano Beach, FL 33064 305 781-4438.

ZEKE Sez: HONEYMOONERS SANDWICH – LETTUCE ALONE ! !

FOR SALE: HEATHKIT HW-16, HG-10B, extra $130. Henry Linear 1-5/40W 450 MHz, G.E. Prog 2 channel 6 meter FM, Sonar 2305 Talkie, mike, charger, make offers. WANTED: 6 meter beams. Tom Y. Smith WB4-RGQ, 25 South Halifax, Daytona Beach, FL 32018 904 252-2906.

NO BIRD SOARS TOO HIGH, IF HE SOARS WITH HIS OWN WINGS. William Blake.....

SALE: New in box Hy-Gain 2-BDQ 380, 80-40 meter 1kW trap inverted vee antenna. All insulators & hardware, less 100 ft. wire, $20. plus UPS. Andy Clark W4IYT, 41 Lenape Dr. Miami Springs, FL 33166 305 888-3874, evenings.

FOR SALE: P.E. T.Computer, 16 kilobytes memory. Have plug-in board for extra 16K (total 32K) for full memory. Seperate video monitor, full-sized keyboard, two cassette units, manuals, diagostic kit, schematics and collection of software on cassettes only $600. Bob Osorio, Jr. WA2LKX/4, 6751 SW 13th St., Miami, FL 33144 305 266-2694.

AMATEUR RADIO OPERATING PROGRAMS for your TRS-80 (16k), level II) models I and III. Dupe checker ($8), W A S ($8), D X C C ($10) 5-BWAS/48K ($12). CASSETTE ONLY. MASTER GATOR SOFTWARE, P. O. Box 10, Alachua, FL 32615.

FOR SALE: ATLAS 180, P/S and mobile mount. $400. or best offer. Clegg FM-27A $50. and FM-27B $75. Mosley Classic 33 tri band antenna $100. E-Z Way light antenna ground post $25. Collins 312B5 $300. Hallcrafters FPM-300 $250. Bill Ambrose W4QV, 16 DeSoto Park, Sebring, FL 33870 813 385-4225.

FOR SALE: YAESU FT707 brand new in box with warranty card, mike, included $595. 20 Amp supply $50. 10 Amp supply $40. MFJ tuner $40. Al London N4DIY, 218 West Thomas St., Tampa, FL 33604 813 238-0419 evenings.

FOR SALE: SB-400 transmitter, worked beautifully for years, until band changing switch detent became hard to turn. Loosened swith assembly, but it needs more than my physical condition allows. Good buy for knowledgeable electronics man $80. (eighty) as is, with manual and spare tubes. Pick-up preferred. UPS extra. Well built and looks very good. 15" Stromberg-Carlson speaker, 100 watt woofer and 32 watt tweeter, like new $12. (twelve). Pick up. Walter Kozacko N4NS, 4024 S.E. First Place., Cape Coral, FL 33904 813 542-8975.

NEW BEARCAT 250 scanner with 50 programmable channels plus 30 additional functions such as memory recal, etc. Will throw in a new "Bearcat Betsy" frequency guide. I bought this scanner for my wife but she's just isn't interested! ! $250. and I pay UPS in the 48 states. M. L. Scarff, W4FAH, 618 Carey Place, Lakeland, FL 33803 813 683-4288 after 6 p.m.

THERE'S NOTHING WORSE THAN A QUITTER EXCEPT THE MAN WHO's AFRAID TO BEGIN. KA4BJE.....

FOR SALE: VFO-520 and TS-520 with c.w. filter. Operates on 12 VDC, 115 VAC or 220 VAC. Both units recently realigned by AES. $600.00 for the pair. SB-220 with filament delay relay installed. $600. Equipment like new. Jim Gundry W4JM, 2908 Forestgreen Dr. S., Lakeland, FL 33803 813 644-3435.

FOR SALE: Spare repeater module set for VHF eng. Rpt 144. Transmitter, receiver, COR and ID'er. Everything $150. All work. R. Marsh, 7350 Buchanan St., Hollywood, FL 305 961-6839 days only.

NEEDED: Manual or schematic - photocopy on working Hallicrafters PC-210F Port-a-com. Also need any info for syner-Data model Beta computer Terminal and schematic for crosley super TRIRDYN receiver (about 1914-15.) Denny Wise KA4FGG, 4160 NE 17th Ave., Pompano, FL 33064 305 782-0537 after 8 PM.

FOR SALE: Touch-tone pads with leads and panels. $5. each. 3½" sq. DB meter by Argoones - 20 to 0 dB to 3 + dB with 2 built-in pilot slights. Encased in Alum. cabnet with 3-way switch. All for only $6. G.E. 3-way power cassette recorder, built in condenser mike, automatic stop, all solid state, NEW condition with a.c. cord $23. All plus UPS. Andy Clark W4IYT 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874 after 6pm pls.

IF AT FIRST YOU DON'T SUCCEED YOU'RE RUNNING ABOUT AVERAGE.

FOR SALE: Yaesu FT-227R used very little, excellent working condition $200. George Houser WD4FSV, 9615 Coral Way A-224, Miami, FL 33165 305 221-4948 evenings.

FOR SALE: SB-220 $525. James Millen 2 kW transmatch model 92200. Commercial version of the 50 ohm network described by Lew McCoy in July 1961 QST, designed exclusively for use with coaxial fed antenna systems. $125. Both $600. Manuals. FOB West Palm Beach. Fl 33407, Jos S. White N4JO, 535 - 28th St. 305 832-7056.

COMPUTER: D.E.C. PDP/8M with 16K core. XE BEK dual floppy disc W/interface, VT-50 terminal, Thermal printer, keyboard, manuals, ADC & more. All must go this month! ! Make offer. Larry Rubin K3STB/4 8410 NW 18th St., Pembroke Pines, FL 33024 305 432-9326.

ATTENTION ICOM & KENWOOD OWNERS! ! If your not receiving our monthly NEWSLETTERS, your equipment is not tuned into a wealth of information! Details S.A.S.E. USERS INTERNATIONAL RADIO CLUB, 364 Kilpatrick Ave., Port St. Lucie, FL 33452.

FOR SALE: TEMPO s-1 $200. Kenwood TS-520 SE AT-200 antenna tuner, SP-520 speaker $600. Heathkit SB-201 linear $300. All mint. Mike Kravit KD4DC, 2911 SW 87 Terr. Davie, FL 33328 305 472-5499.

FOR SALE: ICOM-701 200 W. PEP, 1.8 MHz/30 MHz, solid state transceiver with matching a.c. supply and microphone, manuals, boxes, perfect $700. ICOM-225 with VIP switch, Drake T.T. microphone $200. ICOM-211, 2 meter all mode, microphone, manual, perfect $325.00. CLEGG FM-276, 2 meter FM, mobile mount, microphone, manual, 25 watt synthesized $100. YAESU FR-dx-400 1.8 to 148 MHz, all mode receiver, all filters, manual $300. YAESU FT-dx-100 3.5 - 30 MHz solid state transceiver $250. Yaesu speaker-patch 101B $55. HALDS-2000 KSR $395. MR-2000 $120. ST.5000 $200. Package ($700.) Tempo S-1 with PL $200. Heath HD-15 Phone patch $35. Rob Pohorence N8RT, 364 Kilpatrick Ave., Port St. Lucie, FL 33452 305 - 878-7296.

SELLING - Kenwood TR-2400 hand held. Top of the line and in top condition. Maurice Dieul KA4RPS, 220 Island Dr., Key Biscayne, FL 33149 305 361-5800.

FOR SALE: SB-200 $325. TS-820/cw filter, built in MFJ cw audio filter & Curtis keyer, VFO-820 $850. Bob Patten, N4BP, 2311 Nassau Dr., Miramar, FL 33023 305 981-2732.

FOR SALE: Collins "S" lines 75S3, 32S2, 312B-4, 516F2, mint condition. $1,500. Luis I. Bardino KB4BC, 290 E. 13 St., Hialeah, FL 33010 305 526-5225 or 888-6137.

FOR SALE: YAESU FT—7B with SP-12 Yaesu power supply-speaker all $600. Brand new condition. I Rodriguez (no call given) 3321 Palmetto St., Tampa, FL 33607 813 877-1226.

FOR SALE: IC-245 2-meter FM & SSB, CW digital synthesized transceiver complete with ICOM IC RM 2 computerized remote controlled JANEL QSA 2 2 meter preamplifier. KLM PA-15-160 BL linear 2 meter amplifier. SPAR 30 regulated power supply, 30 amps, variable voltage 11-15 V. Voltmeter. Heath HM-2102 VHF wattmeter. All above are mint and in perfect condition. Price together $625. Will sell separately. Variable voltage transformer CALRAD, model VC-5 575 VA; 115 VAC input, 0-130 VAC output, 5 amp. Brand new, never removed from Box $45. Fred L. Van Aalst, WD4RAF, 1921 NW 41 St., Ft. Lauderdale, FL 33309 305 733-7222.

ATTN' KWM-2 owners. For sale following: 2 original relays, 2 a.c. switch, 1 - 12AX7A, 3 12AT7, 1 6DC/, 3 - 6U8A, 2 - 6AU6WA, 9 - 6AZ8, 1 - 6EB8, 5 - 6BN8, 2 - 6CL6. Collins min. order $100. All the above $90. Victor E. Chamberlain, W4NTT, 7804 Ft. Walton Ave., Ft. Pierce, FL 33450 305 465-6625.

FOR SALE: NCX-5 Mark 5, xtal calibrator and power supply, recently tuned up by National Co. Melrose, Mass. Leo Romaine W1ERR, Route 2 Box 214-B, Dunnellon, FL 32630 904 489-4058.

GET TAX DEDUCTIONS FOR HAM GEAR' Sarasota power Squadron is equipping complete ham and marine station. Any and all usable ham gear is acceptable. We'll send you the necessary acknowledgement form. Write to SPS, c/o K4IKB, 1344 Harbor Dr., Sarasota, FL 33579. Describe your gear, and we'll be in touch with you. Your donations of marine or ham gear are needed now! !

FOR SALE: Ten watt SWAN FM2X two meter transceiver with removable power supply for mobile operation. Contains crystals for twelve channels duplex and simplex $150. FOB Orlando. Herb Roland, W4LSR, 7309 Kaha St., Orlando. FL 32807 305 275-7356.

FOR SALE: RCA TC-1000 B/W closed circuit camera, mint $250. Collins 75S3, 32S1, power supply $700. Good condition, new tubes, both rigs. WØLMD keybd., SSTV, never aligned, beautifully built, external power supply $175. Also have beautiful ham shack for sale. Prefer around area. $4,000. Call for details. David Hall WB4EIN, Rt. 3 Box 192, Pensacola, FL 32504 904 477-6888.

GOING out of business SALE. New equipment wholesale prices. K L M PA10-90BL $142. MA35BL $93. PA2-25B $72. NYE Iambic keyer $87. Master key $19. Phone Patch $51. MFJ 200BX Calibrator $26. 408 keyer w/speed meter $63. 624 phone patch $48. 751 tunable SSB/CW Filter $48. Uned/Rey WA2ZOT Lopass filter $30. Hipass $12.00. Butternut 2' tripod $28. Vert. tuned radial kit $18. TBR160 meter resinator coil $28. SHure 444D $42. Cash, certified check or money order ONLY. AMERICAN WIRELESS COMMUNICATIONS, 8316 6th St. N., St. Petersburg, FL 33702 813 577-7390.

TRANSFORMERS REWOUND ! ! Jess Price, W4CLJ, 507 Raehn St., Orlando, FL 32805 Phone 305 425 - 7251.

FOR SALE: VHF Engineering heavy duty 12 volt - 20 amps (cont.) power supply, fully filtered and regulated $100. Panasonic B&W TV camera with sound, with power supply. Fits all VTR recorders. brand new in box $100. Shure 444 desk mike new $25. Dy-Comm 2 meter VHF amplifier FM only 10 watts in & 60 watts out with manual $85. Homebrewed rapid charger for TR-2400's. Has computer grade materials and charge-rate meter, for home or mobile (better than Factory) $50. Pioneer TP-900 under-dash car FM stereo with 8-track 15 W. RMS per channel $80. Joe Palomino WA4ONV, 3130 SW 11 St., Miami, FL 33135 305 445-7871.

SELL: ICOM IC-22S w/VIP60 freq switch, mint $200. Yaesu FRG7000 general coverage receiver $400. COBRA 140GTL AM/SSB transceiver w/K40 mobile antenna, both tuned and operating on 10 meters $200.00. 75 watt solid state amp. for Cobra transceiver $50. 100 watt Aerotron amplifier for two meters w/AC supply $75. Mike Gibbemeyer K1CW, 101 NE 151 St., North Miami Beach, FL 33162 305 947-7308.

FOR SALE: Heathkit Electronic Keyer, model 1410 "Iambic" operation with built in paddle, 115 v.a.c., sidetone speaker, or earphones, 5 to 50 WPM. Completely solid state, in neat cabinet only $37. Ready to go with Manual POSTPAID USA' A. C. Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

NOTE TO HAMBAR USERS: It's time to remind HAMBAR users to always give a PRICE on your items. We are informed very strongly that BUYERS out of town will not make a long distance call to find out a price on an item advertised in the HAMBAR section. As mentioned many times before – make it EASY on the person wanting to BUY YOUR equipment. Always give NAME — CALL SIGN — MAILING ADDRESS — ZIP and AREA AND PHONE NUMBER. Thank you - Editor.

FOR SALE: GLA-1000 new tubes perfect condition, one year old. Will demo. $245. George J. Pastor, W4OGD, 1815 Island Harbor Dr., Port Richey, FL 33568 842-1580.

FOR SALE: ATWATER KENT 35, AK20, AK20 compact, Radiola III, III-A, RC, Philco Cathedral model 84. All sets work and in nice condition. Wanted: Pilot Super Wasp with coils. David McKenzie KØSVJ, 170 W 53 St., Hialeah, FL 33013.

FOR SALE: one expansion interface for TRS-80 model I W/32K RAM new $450. One Heathkit station console, condx mint. $165. One Macrotronics M-800 deluxe RTTY system for TRS-80 also has M80 for c.w., condx mint. $300. Robert Beatty WB4WVW, 5900 W. 12 Ct., Hialeah, FL 33012 305 821-6344.

FOR SALE: DRAKE TR-4 with AC supply and speaker. In use now. Demonstrable. Never been mobile. Many FB compliments on all bands. Works very well. $375. G. Patterson N4DQY, 223 Shore Ln., Indian Harbour Beach, FL 32937 305 773-7248.

FOR SALE: KENWOOD TS830S with CW filter, new, original carton $700. Firm! VFO 120 original carton $100. Jose Sabina KI4R, 138 NE 49th St., Miami, FL 33137 305 759-2907.

BUSY HANDS & MINDS WILL NOT LET A HEART GROW HEAVY.

FOR SALE: T4XC, R4C (F-T SSB filter), MS4, AC-4, extra xtals $800.00 R4A, extra xtals $250. ALL $1025. UPS Delivered. Jerry Vanderzyl WB4-CDQ, 2264 Leewood Blvd., Melbourne, FL 32935 305 259-3174.

SELL: A-1 Hy-Gain TH3 Jr. 3 element trap 10-15 and 20 meter beam, balun, book All parts worked for easy re-assembly, in original box, a bargan at $75. Also CDE/BT1A "Big Tall" model rotor, factory rebuilt with new control box complete with book, cables in original new box, bargan $75. New small winch for above items $13. Have other ham parts and gear. Frank Reiner W4JVR, 7306 S.W. 8th St., North Lauderdale, FL 33068 305 721-5342.

A SORROW'S CROWN OF SORROW, IS REMEMBERING HAPPIER THINGS! (Via KA4BJE)

ESTATE SALE: YAESU FT-901 DM with service manual $750. Astatic D-104 microphone $15. Collins 75A1- amateur receiver $85. Electro Voice 664 chrome dynamic variable impedance microphone $70. Hewlett Packard vacuum tube voltmeter model 400A $60. Heath GR-91 general coverage receiver $10. (ten dollars) Archer headphones $5. Pair 4B32 tubes $15. Homebrew 12v.d.c. at 3 amp power supply $15. David W. Crane WB4ERU, 3535 Bayview Dr., Ft. Lauderdale, FL 33308 305 - 564-0440 after 6 p.m.

FOR SALE: 2 meters SSB, FM, AM, CW -- work OSCAR with a Kenwood TS-700A; sub-band modification kit installed plus all manuals, very good condition, prefer pick-up. Leon Zetekoff, WA4ZLW, 6203 NW 57 Street, Tamarac, FL 33319 305 721-8737 home or 305 979-4046 office.

FOR SALE: YEASU FRG-7 communications receiver, in factory carton, used several hours. $270. GE Progress Line 450 MHz mobile unit with accessories $35. Jim Cunningham K4DEE, 1045 Fairway Dr., Winter Park, FL 32792 305 678-2942.

T O W E R - 40 ft. Alum. hinge base plus 10 ft. pipe ext. TR-44 rptatpr 10M G.P. $100. ICOM w/freq expansion $150. Vibroplex IAMBIC chrome $35. Shure 444 w/Yaesu plug $25. Art Ford W2HAE, 552 Hillside Ct., Melbourne, FL 32935 305 254-0361.

ICOM 720-A Xcvr, large 20 amp power supply, Brand new warranty, in cartons, ordered for "sea-going" ham who didn't show. Big discount. Frank Shannon, K4GT, 140 Bosphorus Ave., Tampa, FL 33606.

FOR SALE: Old homebrew amplifier, two 4-125As in parallel. Units in 19 inch rack with casters. Will need some work and paint. Heavy duty transformer and 5 meters. Power out better than kW. Steal at $50. Pick-up only. While you are here look at some of the other goodies. Ed Wright W4GFQ, 9232 SW 75th St., Miami, FL 33173 305 271-4761.

FOR SALE: KEENWOOD TS-520, mint $450. GLA-1000B like new $250. Heath HD-15 Patch, $25. Heath Cantenna $15. Mosley trap Dipole $30. Gene Young W4LIT, 1247 Overcash, Dunedin, FL 33528 813 734-8082.

IF YOU WANT TO MAKE AN EASY JOB SEEM MIGHTY HARD' JUST KEEP PUTTING OFF DOING IT. . . . . Olin Miller

FOR SALE: 3 element tri-band TA-33 antenna beam and CDR-44 Ham II rotor $189. Clark J. Evans WA4DLL, 7321 Filbert Ln. Tampa, FL 33617 813 988-0125.

FOR SALE: EICO POWER SUPPLY, 0 to 16 volts. 0 to 20 amps. Factory wired, A-1 Shape $69. Bob Boughton W4NCP, 1643 NE 55 St., Fort Lauderdale, FL 33334 305 772-7023.

MEASUREMENTS 80, FM signal generator, Motorola model T-1034/B with pad $265. Pocket scanner low/high band, 4 channel with service manual, like new $30. G. Pohl, Box 391, Elfers, FL 33531 813 849-6769.

HEATH mike HDP-121, hi imped. dynamic desk mike, mint $39. Bob Boughton W4NCP, 1643 NE 55 St., Ft. Lauderdale, FL 33334 305 772-7023.

FOR SALE: 2 meter, 10 channel scanning transceiver $45. (Fourty five) D-104 power mike $25. VHF Engineering TVX-10 439 MHz Ham TV transmitter $100. 2 meter amplifier 1 to 3 watts in and 15 to 25 watts out $30. 6 foot 19" rack $10. Richard Marsh W[illegible]4JJQ, 7350 Buchanan St., Hollywood, FL 33024 mornings 305 961-[illegible]

COMPUTER - Like calculator TI59 with PC-100 printer, master, marine navigation and leisure modules A-1 shape $2[illegible]0. Bog Boughton, W4NCP, 1643 NE 55 St., Ft. Lauderdale, FL 333[illegible] 305 772-7023.

SELL: Hallicrafters SR-400 transceiv[illegible]ers 80 thru 10 meters with 400 watts PEP, P-150 matching a.c. power supply, HA-20 remote VFO, TO Keyer, all in very good condition $450. Heath HW-16 matching VFO for only $135. David W. Crane WB4ERU, 3535 Bayview Dr., Ft. Lauderdale, FL 33308 305 564-0440 after 6 p.m.

FOR SALE: model 19 teletype in mint condition. $150. Nancy Reviere, 1141 SW 75th Ave., Plantation, FL 33317 305 792-4055.

pooped out the day before the event. That wiped out the communication that the sheriff's office was going to provide for the vans. But, problems with poop-out vans were nothing new, and hams were found to provide communication for the fans which were also found at the last minute.

There were new problems such as the start and finish of the march being located in the basement of a steel building which required a 14 element beam to penetrate from a stone's throw away. But, a simplex circuit on 146.52 to the net control station using a 14 element beam solved the problem so it was hardly noticeable.

With seven of the 20 hams participating being "novices" at this particular exercise, some old lessons were learned again. The ham assigned to follow the march coordinator "everywhere except to the bathroom" learned that those instructions meant be prepared for absolutely anything. Next year he will bring his AC operated base station as well as his HT, and his mag mount antenna as well as his rubber duckie, and his cigar lighter connection as well as his nicads. Some new lessons were learned, too. People really do learn that those bright yellow vests with the black lettering mean "Hear comes communication." They spot the ham from a block away. And the EC learned that he doesn't have to be there for an exercise to go smoothly. Other people can handle the job, and they can handle it well. All they need is some experience, some help in getting it organized, and the willingness and maturity to grab hold and yet be flexible.

The Superwalk in Tallahassee was held on March 21st. Nearly 1000 walkers participated, and the pledges were for over 30,000, up $10,000 from the previous year. The amateur effort was coordinated by Lloyd Armstrong, AC4L. Net Control was George Thurston, W4MLE. THe 146.31/91 repeater (then WD4HWE, but now W4CUJ) belong to the Tallahassee Amateur Radio Society (TARS) was used as the primary frequency with 146.52 simplex used for a circuit between the start-finish checkpoint and net control.

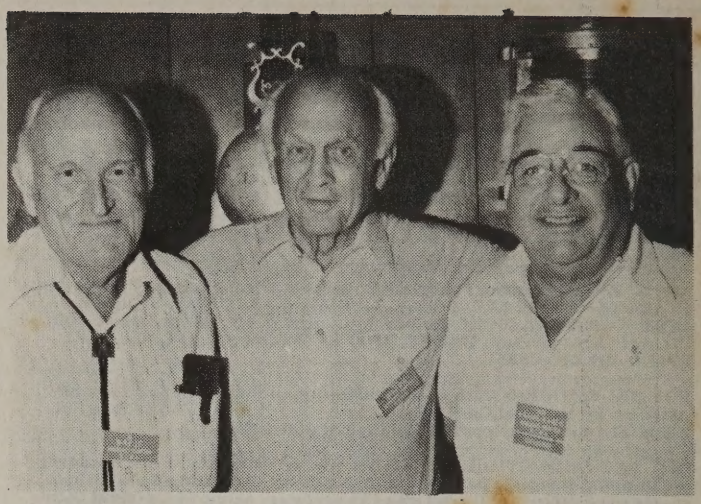
CENTRAL FLORIDA AMATEURS ACTIVE DURING WEATHER EMERGENCIES

By Billy Williams, N4UF

Central Florida amateur radio operators provided communications during weather emergency situations twice during a four day period. Just after midnight on March 19th, heavy thunderstorm activity in the vicinity of Orlando, resulted in several tornado touchdowns causing severe damage and injuries. Early the next morning, John Lenkerd, W4DNU (AEC for Skywarn), was requested by the Red Cross to activate the Orlando 2-meter emergency net via W4PLB/R, on 146.16/.76, as communications were required to the St. Cloud area. WA4FWX, was dispatched there and provided a link between the disaster site there and Red Cross Headquarters. W4DNU, and Don Allgor, KC4DU, operated from Red Cross.

Because of the possibility of incoming Health and Welfare Traffic, Orange County EC Charles Anders, N4KF, alerted Bob Watson, W4DTV, who made liaison with the Florida Midday Traffic Net. The situation was declared under control shortly after noon and operations were secured.

Three days later (March 22nd), the National Weather Service alerted W4DNU, that a severe weather watch and tornado alert had been declared for Lake, Orange, Osceola and Seminole Counties. After contacting other hams, John went to set up a station at NWS near the Orlando Airport. N4KF, activated the 16/76 net and also 2.247 Khz. During the next five hours, over 60 amateurs participated and the severe weather alerts were extended to include most of the area from Daytona to Haines City. Check-ins were noted from a good number of the affected counties. Those monitoring 40 meters were kept abreast with up to the minute information relayed from W4DNU. Among other assisting were W4WLX, chief enginner at WDBO-TV who acted as back-up NCS and relayed weather radar reports to those involved. The operation went very smoothy and K4KF, was pleased with the results.



SUNCOAST CHAPTER OFFICERS (L to R). Al Hodson W4PJF Secretary, Don Magers, W4OWN, Chapter Chairman 80-81; and Bob Siff, K4AMG, Treasurer. See DIRECTORY for details on chapter meetings. (Photo via W4PJF.)

FCC SUSPENDS AMATEUR LICENSES FOR MALICIOUS INTERFERENCE

The Private Radio Bureau of the F.C.C. has suspended the licenses of two Amateur Extra Class operators and is considering revocation of their amateur radio station licenses. The two operators involved in this action are Gerald J. Morin (W1GM) of Sanford, Maine and Leonard R. Boucher (K4MME) of Cantonment, Florida. Information received by the Commission revealed that both licensees deliberately interfered with the transmissions of other operators who were participating in radio "network" operations. This interference occurred at various times from August, 1980 to May, 1981 on 14,313 MHz and adjacent frequencies.

Information before the Commission indicates that Morin & Boucher operated a split-frequency scheme to maliciously interfere with the Maritime Mobile Radio Net. This was accomplished by operating on frequencies adjacent to 14.313 MHz, thereby causing "splatter" which interfered with network public service communications. Specifically, this scheme delayed the United States Coast Guard in California from obtaining assistance from the net on May 17, 1981.

The Commission views interference, in any radio service, as a very serious matter and the conduct of Morin and Boucher warranted suspension of their operating privileges. Consequently, on June 4, 1981, the Commission ordered that the amateur operator licenses of Gerard J. Morin and Leonard R. Boucher be suspended for the remainder of the license terms. The Commission also ordered the two operators to SHOW CAUSE why their amateur radio station licenses should not be revolked.

FCC USING NEW TYPE OF AMATEUR RADIO TELEGRAPHY TEST

On September 29, 1980, the Federal Communications Commission began using "fill-in-the-blank" type questions in its telegraphy tests for amateur radio operators. Previously, "multiple-choice" type questions were used. The change was made to prevent applicants from using memorization techniques to cheat on the tests.

The telegraphy tests determine whether or not an applicant can send and receive messages using International Morse Code at speeds of 5, 13 and 20 words per minute. Recently, the commission had obtained evidence that persons with no ability to send or receive telegraphy were passing the telegraphy tests by memorizing the test serial numbers and the "multiple-choice" answers. The "fill-in-the-blank" questions now in use do not have serial numbers or multiple-choice answers.

Applicants taking the tests must still receive a five minute message, which is like messages which amateur radio opreators typically send to each other on the airwaves. Then they must answer ten "fill-in-the blank" questions about the message they received. Those who answer at least seven of the ten questions correctly pass the telegraphy test.

The written tests on amateur radio rules, practices, procedures and technical subjects were not affected by this change.